

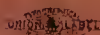


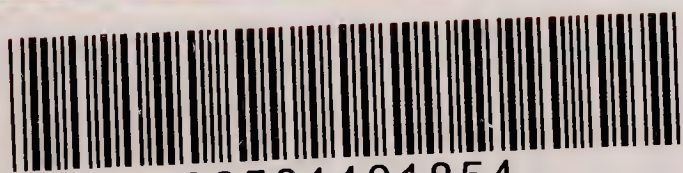
ANNUAL REPORT
OF THE
Department of Public Health
AND THE
Vital Statistics Report
OF THE
PROVINCE OF SASKATCHEWAN
FOR THE CALENDAR YEAR
1933



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ORGANISATION CHART

DEPT. OF PUBLIC HEALTH

PROV. OF SASKATCHEWAN

CANADA.



Acts Administered:—

Public Health Act, VD Act, Aid to Hospls Act
 Union Hospls Act, TB San. and Hospls Act
 Vit. Statistics Act, Cancer Commission Act
 Mental Defectives Act.

MINISTER OF PUBLIC HEALTH

Deputy Minister of Public Health

Council of Public Health

CANCER COMMISSION
 Purchase of Radium for
 diagnosis of Cancer and Clinics
 for Treatment of Cancer
 Collect Data and Statistics

GENL. ADMINISTRATION
 Supervision of Boards of Health
 Publicity
 Requisitions
 Purchase of Supplies
 Legislation
 Estimates
 Literature

DIV. of COMM. DISEASES
 Epidemiology
 Treatment and Supervision
 of Trachoma.
 Care of the Dead
 Records and Statistics
 Distribution of Vaccines & Sera.
 Isolation and Quarantine
 Disinfection

DIV. of SANITATION.
 Engineering
 Urban and Rural Sanitation
 Union Hospital Organisation
 Milk, Water, and Ice Supplies.
 Sewerage Systems and Sewage.
 Disposal. Trade Wastes & Refuse
 destruction. Hospital Construction.
 Hotel & Restaurant Inspections. Cemetery
 sites. Supervision of S Sanitation Districts.

DIV. of CHILD HYGIENE &
 HOSPT. MANAGEMENT.
 Maternity Grants
 Pre-school Examination Clinics
 Assist local bodies in organizing
 Child Welfare Work
 Infant Feeding. Relief.
 Hospital Management, Home
 Nursing Classes and Demonstrations.
 Medical Inspections, Financial Grants.
 Travelling Dietitian.

DIV. of P.H. NURSING
 Health Inspection of School Children
 Assist at Pre-school Examination Clinics.
 Home Visits, Home Nursing Classes Jr & Sr
 Organisation of Visiting Centres.
 Insp'n of Nursing & Maternity Homes.
 Follow-up TB and Trachoma.
 Interview School Boards & Municipal
 Councils & Medical Health Officers.

DIV. of LABORATORIES
 Bacteriology, Pathology, Chem. Analyses
 Examinations, Food Milk
 of Clinical material, Tumors, Water
 Reports of Blood, Culture results, Alcoholic
 tests & propagation of diseases, Inverages
 of Vaccines in Man & Animals. General
 and Sera. Medico-Legal Work.

DIV. of VITAL STATISTICS
 Searches and Certificates
 Births, Marriages, Deaths, Divorces
 Records, Classification & Tabulation
 Inspections, Transcripts for Dominion
 Authorities
 Epidemic and other Diseases

DIV. of VENEREAL DISEASES
 Dispensaries, Free Examinations
 and Treatment.
 Educational Propaganda
 Investigation and follow-up
 of Cases

DIV. of P.H. EXHIBITS.
 Preparation of Models for Fairs
 and Exhibitions, Graphs, Posters etc.

MISCELLANEOUS
 Hospital, Nursing and Medical
 service in unorganised territory

DIV. of MENTAL HYGIENE
 Co-ordinate, direct and supervise the
 work of Prevention, Treatment and
 Care of the Mentally Diseased and
 Mentally Deficient cases in Mental
 Institutions and in jails
 Mental Hygiene in Child Clinics
 System of Parole

Psychopathic Wards
 in General Hospitals.

FULL TIME HEALTH DISTRICTS.

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DEPARTMENT OF PUBLIC HEALTH,
REGINA, *December 31, 1934.*

TO HIS HONOR,

LIEUTENANT COLONEL HUGH EDWIN MUNROE, O.B.E., M.D., C.M., F.A.C.S.,
Lieutenant Governor of Saskatchewan.

MAY IT PLEASE YOUR HONOR,—

I beg to present herewith for your consideration the annual report of the Department of Public Health and the Vital Statistics report for the calendar year 1933.

Respectfully submitted,

J. M. UHRICH, M.D.,
Minister of Public Health.

DEPARTMENT OF PUBLIC HEALTH,
REGINA, *December 31, 1934.*

HONORABLE J. M. UHRICH, M.D., C.M.,
Minister of Public Health.

SIR,—

I have the honor to submit herewith the annual report of the Department of Public Health and the Vital Statistics report for the calendar year 1933.

Details of the work done in the different divisions will be found under their respective headings.

Respectfully submitted,

R. O. DAVISON, M.D.,
Deputy Minister.

Twenty-Fourth Annual Public Health Report

Including Vital Statistics

1933

Council of Public Health

A meeting of the Saskatchewan Council of Public Health was held December 29, 1933, at which the following members of the council were present—R. G. Ferguson, M.D.; E. J. Ferg, M.D.; Professor C. J. Mackenzie, C.E.; A. Wilson, M.D., and F. C. Middleton, M.D., Chairman.

The chairman gave a brief review of general health conditions in the province, indicating that the preliminary report of the Vital Statistics revealed a slightly lower general death rate than the previous year. It was pointed out that the death rate from diabetes was gradually increasing. The maternal death rate was about the same in hospitals as in private homes. There was a slight increase in venereal disease as reported by the dispensaries, especially of younger people. Fourteen per cent. of patients admitted to general hospitals had a Wassermann test. Practically all major communicable diseases showed a lower incidence. With the continued high death rate from whooping cough the department had commenced the free distribution of Pertussis vaccine in an effort to reduce the incidence and mortality from this disease.

Dr. Ferguson pointed out the fact that in a period of six years, 37 per cent. of deaths from communicable diseases had been from tuberculosis. This year the Anti-Tuberculosis League was giving prizes for essays by school children on the subject of prevention of tuberculosis. Reference was made to the Grancher system of handling children of tuberculous parents, as practised in Quebec.

The St. Louis epidemic of encephalitis was reviewed.

Trachomatous cases had responded very well to supervised medical treatment and many cases had been cleared up quite satisfactorily, so that by November, 1933, there were only 226 under treatment. Instead of requiring the services of three nurses, this work was carried on by two nurses devoting only a part of their time to it. Dr. J. J. Wall of the Department of Indian Affairs was getting the trachoma among the Indians under treatment.

A report on mental institutions showed an increase in the number of admissions and a decrease in the number of paroles, as owing to economic conditions there was a tendency on the part of many relatives to want the patients to remain in hospital. It was pointed out that there were more patients in the mental hospitals daily than the daily average number of patients in all government-aided hospitals, including sanatoria. The parole system as adopted in some European countries was recommended for trial here, as well as a trained social service or field worker to be attached to each institution. The difficulty in providing accommodation for the mental defectives was pointed out. The legislation in Alberta and British Columbia dealing with sterilization of mental defectives was reviewed. It was noted that a Sterilization Act in Manitoba was defeated during the session in 1933. At the Battleford Mental Hospital 15 nurse attendants and 12 attendants took their examinations and received diplomas in mental nursing. At Weyburn 10 nurse attendants and 20 attendants also received their diplomas. Four more beds had been added to the psychopathic wards at the Regina General Hospital. Fifty-six per cent. of the admissions to the Psychopathic had been discharged as definitely improved, while eleven per cent. were committed to Weyburn Mental Hospital.

The Canadian Dental Hygiene Association, the Saskatchewan Dental Association and the Department of Public Health, had each contributed \$250 towards sponsoring dental clinics for children, particularly in the drought areas. In 25 municipalities, 872 pupils from 52 schools had been given dental care through assistance from this fund.

One hundred and two out of 302 rural municipalities had either a full-time municipal doctor, provided a bonus, or had passed the necessary bylaw to appoint a doctor. Amending legislation had made it necessary for the Minister of Public Health to approve the contract between a council and doctor and the department had prepared a draft type of contract to be used as a guide by

councils and physicians. The provisions of this draft contract were read and commented on, and Dr. Ferguson was of the opinion that the salary should be a net salary and all extras such as medicines, dressings, travelling expenses, etc., should be borne by the municipality.

The new Marriage Act, which came into force July 1, 1933, was considered, and some cases cited where marriage was postponed owing to evidence of venereal disease or mental disease. Dr. Munroe considered that the people were not yet ready to require the female applicant to produce a health certificate.

Proposed regulations respecting the use of Hydrocyanic Acid as an insecticide or for disinfestation were presented.

MEDICAL, HOSPITAL AND DENTAL RELIEF

Medical.—As stated in the 1932 report, commencing December 1, 1932, and extending to May 1, 1933 (5 months), a grant of \$50 per month was made available through the Relief Commission to doctors in the 1932-33 medical relief area "A", comprising some 56 rural municipalities and several areas in the north to which settlers had moved or had been moved from the drought area. Some 56 doctors were included.

Commencing November 1, 1933, the 1933-34 medical relief area was outlined and consisted of some 75 rural municipalities in "A" area and 103 rural municipalities in "B" area, along with some 13 districts in the north to which settlers from the drought area had moved or had been moved. Of the 61 doctors in "A" area, 55 applied for the grant; of the 88 doctors in "B" area, 48 applied, and 11 applied from the northern settlements. A maximum of \$75 per month was allotted for the doctors in "A" area and \$50 in "B" area.

Dental.—A grant of \$15 a month was made available to dentists from January to the end of April for those in the 1932-33 relief area. Nine dentists took advantage of this grant. Then, commencing November 1, 1933, when the 1933-34 relief area was outlined, a maximum grant of \$35 a month for those in "A" area and \$20 a month for those in "B" area was made available. Twenty dentists in "A" area and 8 in "B" area took advantage of this aid.

Hospital.—A grant of 25c per patient per day through the Relief Commission was continued from January to the end of April to all government-aided hospitals, for patients coming from the 1932-33 relief area. For this portion of the year \$5,867.75 was paid. Then, on November 1, when the 1933-34 relief area was outlined, a grant of 40c per patient per day on account of patients from "A" area, and 20c per patient per day on account of patients from "B" area was paid. Also, on account of those who had moved to the north from the drought area since 1931, a grant of 20c per patient per day was paid. The amount of grant so earned during these ten months was \$8,591.20.

RADIO TALKS

During the period from January to June regular weekly radio talks were given by members of the staff of the department, through the courtesy of Radio Station CHWC, Regina. The subjects included the following topics:—New Year's Resolutions, Water, The Common Cold, Dental Health and the School Child, Diabetes, Pre-Natal Care, Dental Health, Infantile Paralysis, Vitamines, Air, Teeth, Venereal Disease, Typhoid, Health from the Garden, The Marriage Act, and The Story of Drugs.

EMBALMERS

According to the report of the Board of Examiners in Embalming, there were 117 licenses issued by the Board in 1933, including 11 new licenses. Two applications for certificates were refused as the persons applying were not in business.

LEGISLATION, 1933

The main change in legislation affecting this department was the new Marriage Act of 1933, which came into force July 1, 1933, and the administration of which was transferred from the Department of the Provincial Secretary to the Department of Public Health.

The new features provide that all clergymen entitled to perform the marriage ceremony shall be registered with and secure a certificate of registration annually from the Registrar General of the province. The statutory declaration taken before the issuer of marriage licenses must be taken and signed by both applicants. The male applicant must also produce a health certificate to the effect that he is not suffering from any communicable disease in a communicable state or is not an idiot or imbecile or suffering from chronic mental disease. The issuer of licenses may not issue same until seven days after

application and he must notify the person who is to perform the ceremony that application for license has been made. If either applicant does not understand the language used at a ceremony, an independent interpreter must be present to explain the meaning of the ceremony.

REGULATIONS

The Regulations for the Prevention, Notification and Control of Communicable Disease were revised September 26, 1933, and the Regulations governing Sanitation were revised May 19, 1933. Regulations governing Hospitals were revised February 15, 1933, replacing those passed in 1926.

The main changes in these regulations embody precautions to be taken against fire, especially with reference to the use and storage of inflammable X-ray films. The use of masks by doctors and nurses attending maternity cases is recommended. Nurses on the staff of a government-aided hospital are required to have Saskatchewan registration after January 1, 1934. The standard of training schools for nurses was raised, requiring that commencing January 1, 1936, a training school must have an adult bed capacity for seventy patients instead of only thirty, and a daily average of forty-five patients instead of twenty. There must be three graduate nurses on the staff. Academic qualifications for admission of student nurses were set at Grade XI.

On March 1, 1933, the necessary order in council was passed by the Department of Municipal Affairs whereby reciprocity was provided for hospitalization of indigents with the Province of Alberta, thus declaring the provisions of section 226, subsection (1) of The Rural Municipality Act to be in force.

Regulations respecting Milk and Certain Milk Products were amended January 16, 1933, mainly to clarify and make more inclusive those sections where the words "sell or keep or offer for sale" appeared, and changing them to read "keep or offer for use for human consumption or offer to sell." The method to be adopted for procuring samples was also clarified. Where a milk bylaw is in force for the licensing of vendors, every vendor must have a license. Then penalty clauses were revised.

Regulations governing Cemeteries, Care of the Dead and Transportation of Corpses were amended June 1, 1933, requiring that burials must not be delayed. When a body is to be transported, if the period from time of death until destination is reached is only 36 hours, between April 30 and November 1, or 48 hours, between October 31 and May 1, then such body may be placed in a sound coffin within a strong wooden box. When destination cannot be reached within the above periods, the relatives have a choice either to place the body in a metal or metal lined box, which can be sealed, or the body must be embalmed by a licensed embalmer. The registrar who issues the transit or removal permit shall require a certificate from the applicant to the effect that the provisions of these regulations are being complied with.

Expenditures for Fiscal Years 1932-33 and 1933-34

Vote		Spent 1932-33	Spent 1933-34	Increase or Decrease
1 and 2	Administration	\$ 17,022.70	\$ 16,259.35	—\$ 763.35
3	General Services as follows:			
	Public Health Nursing, Sanitation and Disease Prevention	78,318.46	71,622.80	— 6,695.66
4	Venereal Disease treatments	24,231.52	23,931.48	— 300.04
5	Vital Statistics compilation....	19,432.03	21,512.59	+ 2,080.56
6	Aid to hospitals and sanatoria	594,536.00	605,248.50	+ 10,712.50
7	Laboratory	17,482.80	16,962.32	— 520.48
8	Free distribution of antitoxin, vaccines and other biological products	10,419.75	11,679.05	+ 1,259.30
9	Grant to Salvation Army Home	2,400.00	2,400.00	
10	Expenditure for relief of destitutes	13,311.38	12,876.54	— 434.84
11	Maternity Layettes	9,392.76	10,107.57	+ 714.81
12	Psychopathic wards	10,222.91	9,199.05	— 1,023.86
13	Mental hospitals	274,848.40	282,693.47	+ 7,845.07
14	Cancer services	20,935.80	26,552.83	+ 5,617.03
		\$1,092,554.51	\$1,111,045.55	+\$18,491.04

The per capita expenditure for public health activities, controllable and uncontrollable, based on a population of 933,000 in 1932-33 and 951,000 in 1933-34 was as follows:

Vote		Spent 1932-33	Spent 1933-34
1 and 2	Administration	1.8 cents	1.7 cents
3	General services as follows:		
	Public Health Nursing, Sanitation and Disease Prevention	8.4 cents	7.5 cents
4	Venereal Disease treatments	2.6 cents	2.5 cents
5	Vital Statistics compilation	2.1 cents	2.3 cents
6	Aid to hospitals and sanatoria.....	63.7 cents	63.6 cents
7	Laboratory	1.9 cents	1.8 cents
8	Free distribution of antitoxin, vaccines and other biological products	1.1 cents	1.2 cents
9	Grant to Salvation Army Home	0.2 cents	0.2 cents
10	Expenditure for relief of destitutes....	1.4 cents	1.3 cents
11	Maternity layettes	1.0 cents	1.1 cents
12	Psychopathic wards	1.1 cents	1.0 cents
13	Mental hospitals	29.4 cents	29.7 cents
14	Cancer services	2.2 cents	2.8 cents
		\$1.17	\$1.17

Report of the Division of Communicable Disease

REGINA, *December 17, 1934.*

DEPUTY MINISTER OF PUBLIC HEALTH.

SIR:

The following is the report of the Division of Communicable Disease for the calendar year 1933, during which period Dr. R. O. Davison was director.

Tables I to XV are as follows:

- I—The fluctuation of morbidity and mortality during 1932-1933, also showing population and fatality rates.
- II—Summary of distribution of some common communicable diseases.
- III—Some common communicable diseases—showing rates.
- IV—Monthly distribution of morbidity.
- V—Diphtheria—distribution—age and sex groups.
- VI—Measles—distribution—age and sex groups.
- VII—Scarlet fever—distribution—age and sex groups.
- VIII—Whooping cough—distribution—age and sex groups.
- IX—Detailed distribution of communicable disease morbidity.
- X—Vaccines and sera—issues and costs.
- XI—Diphtheria antitoxin—monthly issues and costs.
- XII—Diphtheria toxoid—monthly issues and costs.
- XIII—Scarlet fever vaccines and sera—monthly issues and costs.
- XIV—Vaccines and sera issues—quinquennial.
- XV—Vaccines and sera costs—quinquennial.

ROUTINE

Letters received.....	1,553
Physicians' reports received.....	915
Memoranda received	33
Telegrams received.....	25
Sundry vaccines and sera memoranda received.....	99
Letters dispatched.....	1,001
Memoranda dispatched.....	71
Telegrams dispatched.....	9
Parcels of vaccines and sera dispatched.....	1,234
Parcels of bulletins, regulations, etc., dispatched.....	1,382
Statistical reports—internal—copies issued.....	480
Statistical reports—external—copies issued.....	260
Undertakers' licenses issued.....	165
Disinterment permits issued.....	31

Respectfully submitted,

F. C. MIDDLETON, M.D., D.P.H.,

Director.

TABLE 1.—MORBIDITY AND MORTALITY. FLUCTUATION. POPULATION RATES. 1932 AND 1933.

Disease	Rate per 100,000 Population											
	Cases			Deaths		Fatality Percentage		Morbidity				
	1932	1933		1932	1933	1932	1933	1932	1933	1932	1933	Increase or Decrease
Chickenpox	1,169	1,386		4	1	0.34	.07	Decrease	125.3	145.7	0.4	Increase
Diphtheria	194	132		40	18	20.6	13.63	Decrease	20.8	13.7	4.3	Decrease
Measles	935	554		17	5	1.82	.90	Decrease	100.2	58.2	1.8	Decrease
Mumps	404	375		...	...	...	...	...	43.3	39.4	...	Decrease
Scarlet fever	352	491		6	12	1.7	2.44	Increase	37.7	51.6	0.6	Increase
Smallpox	163	74		1	1	0.61	1.32	Increase	17.2	7.7	0.1	Decrease
Typhoid and paratyphoid fevers	98	63		22	19	22.4	30.16	Increase	10.5	6.6	2.4	Decrease
Whooping cough	701	849		40	34	5.7	4.0	Decrease	75.1	89.2	4.3	Decrease
Trachoma	802	139		...	...	...	...	...	...	...	...	...
Tuberculosis	678	649		281	297	...	...	...	30.1	31.2	...	Increase
Cerebrospinal meningitis	2	11		12	7	...	...	...	1.3	0.7	...	Decrease
Erysipelas	18	30		15	9	...	...	...	1.6	0.9	...	Decrease
Pneumonia and bronchopneumonia	44	233		380	332	...	...	Increase in morbidity .....	...	...	40.7	Decrease
Infantile paralysis	6	29		6	8	...	...	...	...	...	0.6	Increase
Bacillary dysentery	1	24		...	12	...	...	Decrease in mortality .....	...	...	...	Increase
Amebic dysentery .....	...	5		...	...	...	...	...	...	...	...	...
Encephalitis lethargica	1	2		10	4	...	...	Estimated population .....	...	...	1.1	Decrease
Epidemic encephalitis .....	...	4		...	...	...	...	...	...	...	...	...
German measles	27	27		...	...	...	...	...	...	...	...	...
Influenza	168	506		261	318	...	...	...	...	...	...	...
Puerperal fever	2	7		18	16	...	...	...	...	...	28.0	Increase
Glanders	2	...		2	...	...	...	...	...	...	1.9	Decrease
Ophthalmia neonatorum	1	1		...	...	...	...	...	...	...	0.2	Decrease
Diphtheria carrier	25	3		...	...	...	...	...	...	...	...	...
Sore throat—epidemic	4	19		...	...	...	...	...	...	...	...	...
Impetigo contagiosa	131	330		...	...	...	...	...	...	...	...	...
Scabies	146	395		...	...	...	...	...	...	...	...	...
Conjunctivitis	19	56		...	...	...	...	...	...	...	...	...
Vincent's angina	5	15		...	...	...	...	...	...	...	...	...
Tetanus .....	...	1		2	1	...	...	...	...	...	...	...
Actinomycosis	1	3		2	1	...	...	...	...	...	0.2	Decrease
Ringworm	1	1		...	...	...	...	...	...	...	0.2	Decrease
Typhoid carrier .....	...	2		...	...	...	...	...	...	...	...	...
Undulant fever .....	...	6		...	...	...	...	...	...	...	...	...
Totals	6,100	6,422		1,119	1,095	...	...	...	...	...	...	...

TABLE II.—SUMMARY OF DISTRIBUTION OF SOME COMMON COMMUNICABLE DISEASES. RATES PER 1,000 POPULATION, 1933.

	Chickenpox		Diphtheria		Measles		Scarlet - fever		Smallpox		Typhoid fever		Whooping cough		Others		Total		Rate	
		Rate		Rate		Rate		Rate		Rate		Rate		Rate		Rate	Total			
Cities	954	6.21	45	0.29	505	3.22	146	0.95	....	....	10	0.07	441	2.21	320	2.08	2,421	15.09		
Towns	134	2.00	6	0.08	2	0.03	41	0.61	11	0.16	6	0.08	107	1.60	487	7.26	794	10.38		
Villages	128	1.60	7	0.09	13	0.16	66	0.82	3	0.04	8	0.10	85	1.06	402	5.03	712	8.90		
Rural Municipalities*	170	0.26	74	0.11	34	0.05	238	0.31	60	0.09	39	0.16	216	0.32	1,664	2.55	2,495	3.82		
Totals	1,386	1.45	132	0.13	554	0.58	491	0.51	74	0.07	63	0.06	849	0.89	2,873	3.02	6,422	6.75		

(*Unorganized territory included).

TABLE III.—MORBIDITY FROM SOME COMMON COMMUNICABLE DISEASES. IN CITIES. RATES PER 1,000 POPULATION, 1933.

	Chickenpox		Diphtheria		Measles		Scarlet fever		Typhoid fever		Whooping cough		Others		Total		Rate	
		Rate		Rate		Rate		Rate		Rate		Rate		Rate	Total			
Moose Jaw	257	11.68	3	0.14	3	0.14	2	0.08	4	0.18	61	2.76	18	0.81	348	15.83		
North Battleford	10	1.61	2	0.32	1	0.16	..	....	..	....	2	2.32	4	0.64	19	3.07		
Prince Albert	46	4.50	3	0.29	1	0.09	19	1.85	..	....	22	2.15	20	1.95	111	10.86		
Regina	252	4.59	13	0.23	15	0.27	94	1.71	4	0.07	306	5.57	115	2.09	799	14.55		
Saskatoon	330	7.38	19	0.42	480	10.75	19	0.42	2	0.05	33	0.74	89	1.99	972	21.76		
Swift Current	23	4.21	....	....	1	0.18	7	1.28	..	....	....	....	48	8.78	79	14.45		
Weyburn	20	3.87	5	0.96	2	0.38	..	....	..	....	9	1.74	7	1.35	43	8.33		
Yorkton	16	3.08	....	....	2	0.38	5	0.96	..	....	8	1.54	19	3.66	50	9.64		
Totals	954	6.21	45	0.29	505	3.22	146	0.95	10	0.07	441	2.21	320	2.08	2,421	15.09		

TABLE IV.—MONTHLY DISTRIBUTION OF COMMUNICABLE DISEASE MORBIDITY. 1933.

Disease	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Chickenpox	55	75	115	64	147	190	99	48	50	104	204	235	1,386
Diphtheria	8	25	18	17	8	8	4	4	12	7	9	12	132
Measles	4	9	16	5	11	10	3	1	2	3	66	424	554
Mumps	5	3	40	32	41	19	19	16	4	47	132	17	375
Scarlet fever	59	86	78	60	46	34	10	9	31	30	21	27	491
Smallpox	10	33	11	2	5	8	...	...	1	...	4	...	74
Trachoma .....	...	3	9	2	34	44	1	12	9	11	11	3	139
Tuberculosis	4	62	47	33	49	105	64	63	33	64	50	75	649
Typhoid fever	1	3	...	...	3	4	6	8	16	10	6	6	63
Whooping cough	66	102	52	42	42	75	64	64	95	115	46	86	849
Cerebrospinal meningitis .....	...	1	1	2	1	...	...	1	1	1	1	2	11
Erysipelas	1	5	...	5	2	...	1	...	...	8	2	6	30
Pneumonia	16	34	40	14	21	27	6	12	17	11	13	22	233
Actinomycosis	1	...	...	...	...	...	...	...	...	1	...	1	3
Infantile paralysis .....	...	...	...	...	...	...	1	9	9	7	2	1	29
Bacillary dysentery	1	...	...	...	...	...	...	1	1	1	4	16	24
Amebic dysentery .....	...	...	...	...	...	...	...	...	...	...	...	5	5
Encephalitis lethargica .....	...	...	...	...	...	...	...	...	1	1	...	...	2
Epidemic encephalitis .....	...	...	...	...	...	...	...	...	...	1	...	3	4
German measles	1	1	3	2	1	2	...	7	...	2	6	2	27
Influenza	296	4	23	...	160	17	...	...	6	...	...	...	506
Ophthalmia neonatorum.....	...	...	1	...	...	...	...	...	...	...	...	...	1
Puerperal fever .....	...	1	...	...	...	...	...	1	...	2	...	3	7
Sore throat—epidemic	1	...	...	...	...	10	...	...	3	...	...	5	19
Typhoid carrier .....	...	...	...	...	...	...	...	...	...	...	...	2	2
Diphtheria carrier .....	...	1	...	...	1	...	...	...	...	1	...	...	3
Tetanus .....	...	...	...	...	...	...	1	...	...	...	...	...	1
Undulant fever .....	...	...	2	...	...	2	1	...	...	1	...	...	6
Impetigo contagiosa	10	18	7	2	42	8	15	10	60	32	21	105	330
Scabies	34	24	48	...	29	10	21	14	34	9	78	94	395
Acute infectious conjunctivitis.....	1	38	...	4	1	8	...	3	...	1	...	...	56
Vincent's angina .....	...	...	...	...	...	...	7	1	...	2	2	3	15
Ringworm .....	...	...	...	...	1	...	...	...	...	...	...	...	1
Totals	574	528	511	286	645	581	323	284	385	472	678	1,155	6,422

TABLE V.—DIPHTHERIA INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1933.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggre- gate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated				
1 day and under 1 year } 40 .....	..	..	..	..	..	..	1	..	..	1	..	..	1	..	1
1 year and under 6 years } or 30.3% ..	9	8	..	1	..	..	10	..	..	10	10	..	21	18	39
6 years and under 10 years } 45	3	2	..	..	..	..	10	..	..	10	10	1	13	12	26
10 years and under 15 years } or 34.1%	3	3	..	2	1	..	3	2	..	4	4	1	8	10	19	
15 years and under 20 years	2	4	..	..	..	..	..	..	..	..	..	..	5	4	9
20 years and over	4	5	..	1	1	..	3	..	..	3	5	..	8	11	19
Age not stated .....	..	2	..	..	..	..	3	1	2	3	5	5	4	8	19
Sex group totals	21	24	..	4	2	..	33	3	2	34	7	60	63	9		
Distribution totals		45			6			7		74			132			

TABLE VI.—MEASLES INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1933.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggre- gate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year } 210 -----	7	9	--	2	--	--	3	--	--	2	1	--	14	10	--	24
1 year and under 6 years } or 37.9% --	92	77	--	--	--	--	3	4	--	4	6	--	99	87	--	186
6 years and under 10 years } 317 -----	138	114	--	--	--	--	--	2	--	4	5	--	142	121	--	263
10 years and under 15 years } or 53.6%	25	24	--	--	--	--	--	--	--	1	4	--	26	28	--	54
15 years and under 20 years -----	3	9	--	--	--	--	1	--	--	2	1	--	6	10	--	16
20 years and over -----	1	3	--	--	--	--	--	--	--	2	1	--	3	4	--	7
Age not stated -----	--	--	3	--	--	--	--	--	--	1	--	--	1	--	3	4
Sex group totals -----	266	238	3	2	--	--	7	6	--	16	18	--	291	260	3	
Distribution totals -----		505			2			13			34			554		

TABLE VII.—SCARLET FEVER INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1933.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year } 101 -----	..	..	..	1	..	..	..	..	..	1	..	..	2	..	..	2
1 year and under 6 years } or 20.6%----	19	19	..	5	5	..	1	7	..	19	24	..	44	55	..	99
6 years and under 10 years } 231 -----	21	19	..	2	2	..	3	11	..	29	32	..	55	64	..	119
10 years and under 15 years } or 47.0%----	12	19	..	11	6	..	7	8	..	24	25	..	54	58	..	112
15 years and under 20 years -----	9	10	..	..	2	..	3	2	..	14	9	..	26	23	..	49
20 years and over -----	4	9	..	3	3	..	2	4	..	14	10	..	23	26	..	49
Age not stated -----	3	..	2	..	..	1	..	..	18	4	6	27	7	6	48	61
Sex group totals -----	68	76	2	22	18	1	16	32	18	105	106	27	211	232	48	
Distribution totals -----	146			41			66			238			491			

TABLE VIII.—WHOOPING COUGH INCIDENCE. DISTRIBUTION BY AGE AND SEX GROUPS. 1933.

Age Group	Cities			Towns			Villages			Rural Municipalities			Age-Sex Group Totals			Aggregate
	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	Male	Female	Not stated	
1 day and under 1 year } 404 -----	7	16	--	2	--	--	3	1	1	3	1	--	15	18	1	34
1 year and under 6 years } or 47.6%----	119	115	--	28	26	--	19	19	--	17	26	1	183	186	1	370
6 years and under 10 years } 303 -----	62	69	--	27	11	--	9	14	--	25	27	2	123	121	2	246
10 years and under 15 years } or 35.7%----	5	6	--	1	1	--	6	7	--	17	13	1	29	27	1	57
15 years and under 20 years -----	3	--	--	--	1	--	1	1	--	1	4	--	5	6	--	11
20 years and over -----	--	3	--	--	--	--	2	--	--	--	1	--	2	4	--	6
Age not stated -----	4	1	31	--	--	10	--	--	2	3	--	74	7	1	117	125
Sex group totals -----	200	210	31	58	39	10	40	42	3	66	72	78	364	363	122	
Distribution totals -----	441			107			85			216			849			

TABLE IX.—DETAILED DISTRIBUTION OF MORBIDITY. 1933.

CHICKENPOX—Total cases 1,386.

Cities—954. Moose Jaw, 257, North Battleford 10, Prince Albert 46, Regina 252, Saskatoon 330, Swift Current 23, Weyburn 20, Yorkton 16.

Towns—134. Biggar 3, Broadview 31, Canora 19, Carlyle 4, Gravelbourg 7, Indian Head 13, Lumsden 2, Melville 6, Nokomis 8, Qu'Appelle 11, Scott 7, Shaunavon 8, Tisdale 1, Wapella 14.

Villages—128. Admiral 1, Balcarres 6, Bateman 7, Bienfait 2, Big River 5, Birch Hills 10, Ceylon 1, Dubuc 3, Findlater 10, Gainsborough 6, Herschel 5, Imperial 3, Meadow Lake 6, Nipawin 2, Norquay 2, Preeceville 1, Prelate 13, Prud'homme 10, Riverhurst 1, Salvador 10, Sedley 1, Sovereign 1, Tessier 16, Woodrow 1, Zelma 5.

Rural Municipalities—170. No. 11, 1; 99, 1; 152, 5; 158, 1; 159, 1; 160, 8; 164, 2; 166, 1, 186, 5; 189, 7; 190, 14; 219, 14; 220, 2; 221, 12; 251, 14; 252, 2; 262, 5; 277, 15; 292, 1; 312, 2; 314, 2; 316, 7; 318, 5; 343, 3; 348, 1; 349, 2; 381, 3; 403, 2; 435, 7; 436, 1; 437, 1; 466, 17; 471, 2; 525, 3; 585, 1.

DIPHTHERIA—Total cases 132.

Cities—45. Moose Jaw 3, North Battleford 2, Prince Albert 3, Regina 13, Saskatoon 19, Weyburn 5.

Towns—6. Battleford 2, Kindersley 3, Sintaluta 1.

Villages—7. Big River 1, Birch Hills 2, Earl Grey 1, Maidstone 2, Readlyn 1.

Rural Municipalities—74. No. 19, 3; 48, 5; 75, 1; 105, 3; 106, 1; 124, 1; 128, 10; 134, 3; 135, 5; 154, 2; 227, 1; 248, 4; 257, 1; 271, 1; 274, 2; 317, 1; 321, 1; 342, 1; 346, 3; 348, 3; 351, 1; 401, 5; 434, 10; 435, 2; 436, 1; 523, 1; 588, 2.

MEASLES—Total cases 554.

Cities—505. Moose Jaw 3, North Battleford 1, Prince Albert 1, Regina 15, Saskatoon 480, Swift Current 1, Weyburn 2, Yorkton 2.

Towns—2. Rosetown 1, Wolseley 1.

Villages—13. Bateman 1, Birch Hills 1, Buchanan 1, Hafford 2, Imperial 1, Lashburn 2, Leask 3, Senlac 1, Speers 1.

Rural Municipalities—34. No. 92, 1; 123, 1; 134, 1; 158, 1; 164, 1; 219, 1; 228, 1; 231, 3; 275, 1; 303, 1; 348, 2; 378, 1; 411, 1; 430, 1; 434, 1; 439, 14; 440, 1; 487, 1.

MUMPS—Total cases 375.

Cities—80. Moose Jaw 2, Prince Albert 3, Regina 5, Saskatoon 11, Swift Current 47, Yorkton 12.

Towns—134. Alsask 1, Cabri 8, Gull Lake 1, Humboldt 18, Lemberg 1, Lumsden 68, Nokomis 2, Rosetown 35.

Villages—11. Abbey 1, Bruno 7, Penzance 1, Plunkett 1, Preeceville 1.

Rural Municipalities—150. No. 106, 1; 141, 5; 159, 8; 160, 1; 189, 2; 194, 2; 228, 4; 248, 103; 277, 10; 285, 1; 317, 6; 369, 1; 370, 2; 371, 2; 400, 1; 439, 1.

SCARLET FEVER—Total cases 491.

Cities—146. Moose Jaw 2, Prince Albert 19, Regina 94, Saskatoon 19, Swift Current 7, Yorkton 5.

Towns—41. Gravelbourg 2, Lumsden 22, Melville 6, Morse 2, Rosetown 6, Rosthern 1, Sutherland 1, Wynyard 1.

Villages—66. Balcarres 4, Bateman 6, Codette 1, Craven 1, Creelman 1, Dilke 14, Elrose 2, Fairlight 11, Fort Qu'Appelle 1, Holdfast 4, Hughton 1, Lebret 3, Montmartre 4, Pense 1, Sceptre 3, Vanguard 8, Wiseton 1.

Rural Municipalities—238. No. 3, 1; 16, 1; 17, 1; 37, 1; 39, 1; 65, 1; 66, 1; 76, 1; 77, 1; 92, 3; 96, 3; 104, 2; 105, 14; 106, 8; 110, 2; 121, 5; 127, 3; 128, 7; 129, 1; 135, 9; 152, 1; 157, 2; 158, 11; 159, 8; 160, 2; 165, 3; 169, 1; 185, 2; 186, 5; 187, 1; 189, 23; 216, 1; 218, 1; 219, 1; 222, 13; 224, 1; 230, 2; 231, 2; 232, 15; 245, 1; 251, 1; 256, 12; 257, 13; 258, 4; 274, 1; 275, 2; 278, 1; 286, 14; 287, 4; 317, 1; 333, 1; 335, 1; 337, 2; 338, 2; 352, 2; 365, 6; 367, 2; 436, 3; 517, 4.

SMALLPOX—Total cases 74.

Towns—11. Shaunavon 8, Wapella 3.

Villages—3. Lebret 1, Ponteix 1, Speers 1.

Rural Municipalities—60. No. 42, 1; 78, 22; 79, 2; 105, 1; 122, 1; 123, 4; 153, 1; 158, 1; 169, 1; 466, 12; 496, 13; 497, 1.

TRACHOMA—Total cases 139.

Towns—1. Ogema 1.

Villages 9. Cupar 1, Dysart 1, Englefeld 1, Grayson 1, Holdfast 1, Hubbard 1, Lestock 1, Vibank 1, Wymark 1.

Rural Municipalities—129. No. 21, 3; 63, 43; 70, 2; 127, 1; 134, 1; 154, 1; 165, 11; 189, 1; 217, 2; 222, 5; 226, 1; 228, 1; 229, 3; 247, 1; 276, 1; 374, 7; 380, 1; 403, 2; 404, 2; 434, 1; 466, 6; 493, 3; 532, 29; Ile a la Crosse (unorganized territory) 1.

TUBERCULOSIS—Total cases 649.

Cities—181. Moose Jaw 14, North Battleford 4, Prince Albert 14, Regina 78, Saskatoon 63, Swift Current 1, Weyburn 2, Yorkton 5.

Towns—69. Assiniboia 1, Balgonie 1, Battleford 2, Biggar 2, Broadview 1, Cabri 1, Carlyle 1, Caron 1, Craik 2, Duck Lake 2, Earl Grey 1, Eastend 1, Estevan 4, Govan 1, Gravelbourg 1, Grenfell 1, Gull Lake 2, Herbert 1, Humboldt 1, Kindersley 1, Lemberg 2, Lumsden 5, Macklin 1, Maple Creek 1, Melville 4, Milestone 1, Mortlach 1, Outlook 3, Radville 3, Rosetown 3, Scott 1, Shaunavon 2, Sintaluta 1, Strasbourg 1, Sutherland 2, Tisdale 1, Watrous 4, Wilkie 1, Wolseley 3, Yellow Grass 1.

Villages—85. Abbey 2, Arran 1, Bethune 1, Bracken 1, Bulyea 1, Burstall 1, Cadillac 1, Canwood 1, Cut Knife 1, Chamberlain 1, Colonsay 1, Craven 1, Dalmeny 1, Edenwold 1, Eldersley 1, Elfros 1, Elrose 1, Ettington 2, Fielding 1, Findlater 2, Fox Valley 1, Frontier 3, Gainsborough 1, Halbrite 1, Herschel 1, Holdfast 2, Horizon 2, Hudson Bay Junction 2, Hyas 1, Invermay 1, Kenaston 1, Kincaid 3, LaFleche 1, Lashburn 1, Lebret 1, Lestock 3, Macoun 1, Maryfield 1, Mawer 1, Mazenod 1, Meadow Lake 1, Mendham 2, Montmartre 1, Muenster 1, Nipawin 3, Penzance 2, Perdue 1, Prelate 2, Quinton 1, Rocanville 1, Rockglen 2, Scotsguard 2, Simpson 1, Smiley 1, Southey 1, Speers 1, Sturgis 1, Vanguard 1, Vawn 1, Viceroy 1, Wauchope 1, Waldeck 1, Willows 1, Wroxton 1, Young 1.

Rural Municipalities—314. No. 1, 2; 5, 1; 9, 1; 13, 2; 17, 2; 20, 1; 32, 2; 35, 2; 36, 1; 46, 1; 49, 2; 51, 1; 52, 1; 63, 1; 65, 1; 66, 1; 71, 1; 72, 1; 80, 1; 94, 1; 95, 1; 96, 1; 101, 4; 103, 1; 104, 1; 105, 1; 107, 2; 111, 2; 112, 1; 124, 1; 125, 2; 126, 2; 127, 1; 128, 6; 130, 1; 131, 1; 134, 2; 139, 1; 152, 1; 154, 5; 156, 1; 157, 1; 158, 1; 159, 3; 160, 1; 161, 1; 166, 1; 171, 1; 186, 1; 187, 13; 191, 1; 193, 1; 211, 4; 213, 1; 216, 1; 217, 1; 218, 1; 221, 1; 225, 2; 227, 2; 228, 1; 230, 1; 231, 1; 241, 2; 244, 1; 245, 1; 246, 3; 247, 2; 250, 1; 252, 1; 258, 1; 271, 1; 273, 1; 274, 3; 275, 1; 276, 1; 277, 6; 278, 1; 282, 3; 283, 1; 284, 1; 285, 4; 287, 3; 292, 1; 301, 1; 307, 2; 308, 1; 312, 2; 318, 2; 320, 1; 331, 2; 333, 3; 334, 1; 336, 5; 337, 2; 338, 1; 339, 3; 340, 1; 341, 2; 343, 1; 345, 1; 348, 1; 349, 1; 351, 1; 352, 1; 366, 2; 367, 2; 371, 1; 372, 3; 373, 2; 374, 5; 375, 1; 377, 1; 379, 1; 381, 1; 382, 1; 394, 1; 396, 1; 397, 1; 400, 1; 401, 5; 402, 1; 403, 4; 404, 2; 405, 1; 408, 3; 409, 1; 423, 2; 425, 1; 426, 2; 427, 1; 428, 4; 429, 2; 430, 1; 431, 9; 434, 3; 435, 2; 437, 2; 439, 4; 440, 4; 446, 1; 457, 1; 458, 1; 459, 1; 460, 1; 461, 1; 463, 5; 466, 2; 468, 1; 471, 3; 486, 1; 490, 1; 491, 3; 493, 2; 496, 2; 497, 3; 498, 1; 499, 2; 501, 1; 518, 2; 519, 1; 523, 1; 524, 1; 525, 1; 528, 1; 529, 1; 532, 3; 559, 2; 588, 2; 589, 1; 703, 1; Ile a la Crosse (unorganized territory), 7.

TYPHOID FEVER—Total cases 63.

Cities—10. Moose Jaw 4, Regina 4, Saskatoon 2.

Towns—6. Battleford 1, Bredenbury 2, Macklin 1, Melfort 1, Rouleau 1.

Villages—8. Bethune 1, Buchanan 1, Codette 1, Hardy 1, Invermay 1, Kipling 1, Markinch 1, Windthorst 1.

Rural Municipalities—39. No. 49, 1; 65, 1; 74, 1; 78, 1; 96, 1; 128, 1; 129, 1; 130, 1; 131, 1; 154, 2; 158, 1; 159, 1; 172, 1; 184, 1; 186, 1; 189, 1; 278, 2; 310, 1; 344, 1; 430, 3; 457, 5; 460, 1; 461, 1; 463, 3; 464, 3; 467, 1; 487, 1.

WHOOPING COUGH—Total cases 849.

Cities 441. Moose Jaw 61, North Battleford 2, Prince Albert 22, Regina 306, Saskatoon 33, Weyburn 9, Yorkton 8.

Towns 107. Biggar 10, Canora 12, Davidson 4, Gravelbourg 6, Melville 51, Moosomin 8, Ogema 6, Rosetown 5, Sintaluta 2, Sutherland 1, Wapella 2.

Villages—85. Bethune 8, Big River 11, Birch Hills 2, Buchanan 1, Bulyea 3, Chaplin 14, Coronach 7, Domremy 8, Elrose 3, Fort Qu'Appelle 2, Herschel 1, Leask 2, Osage 1, Preeceville 2, Sceptre 10, Spalding 1, Stranraer 9.

Rural Municipalities—216. No. 11, 39; 39, 4; 65, 1; 66, 3; 70, 1; 100, 1; 135, 48; 138, 1; 153, 1; 156, 8; 159, 2; 165, 3; 166, 28; 187, 1; 190, 23; 218, 1; 222, 5; 229, 1; 252, 9; 277, 8; 317, 3; 318, 1; 334, 1; 349, 9; 378, 1; 395, 1; 431, 1; 434, 5; 437, 3; 496, 1; 498, 2.

CEREBROSPINAL MENINGITIS—Total cases 11.

Towns—1. Humboldt 1.

Villages—2. Ceylon 1, Codette 1.

Rural Municipalities—8. No. 227, 1; 260, 1; 271, 1; 304, 1; 306, 1; 365, 1; 434, 2.

ERYSIPELAS—Total cases 30.

Cities—18. Prince Albert 2, Regina 13, Saskatoon 1, Weyburn 2.

Towns—2. Grenfell 1, Rouleau 1.

Villages—4. Birch Hills 1, Lang 1, Richlea 1, Vibank 1.

Rural Municipalities—6. No. 21, 2; 37, 1; 74, 1; 185, 1; 434, 1.

[PNEUMONIA—Total cases 233.

Cities—3. Prince Albert 1, Weyburn 2.

Towns—37. Alameda 1, Alsask 2, Assiniboia 2, Cabri 1, Canora 1, Carlyle 1, Duck Lake 2, Eastend 3, Eston 2, Hanley 1, Humboldt 6, Kamsack 2, Lemberg 1, Lumsden 4, Macklin 2, Melville 1, Nokomis 1, Scott 1, Shaunavon 1, Tisdale 1, Wapella 1.

Villages—35. Abbey 1, Adanac 1, Admiral 1, Balcarres 1, Big River 3, Birch Hills 1, Bladworth 1, Buchanan 1, Cadillac 1, Dilke 1, Holdfast 2, Hudson Bay Junction 2, Ituna 1, Kelvington 1, Lintlaw 1, Lockwood 1, Mazenod 1, Mossbank 1, Ponteix 1, Prelate 2, Primate 2, Punnichy 1, Regina Beach 1, Revenue 1, Shellbrook 1, St. Brieux 1, Viscount 1, Willow Bunch 1, Young 1.

Rural Municipalities—158. No. 11, 3; 17, 1; 20, 1; 35, 1; 39, 2; 42, 1; 50, 2; 51, 1; 66, 1; 75, 1; 78, 3; 80, 1; 98, 1; 101, 1; 102, 2; 104, 1; 109, 1; 121, 1; 122, 2; 123, 1; 125, 2; 126, 1; 134, 1; 138, 1; 140, 1; 151, 2; 152, 1; 157, 1; 158, 1; 164, 1; 166, 1; 184, 2; 186, 2; 216, 1; 217, 1; 220, 1; 229, 4; 230, 1; 231, 1; 232, 1; 245, 1; 246, 1; 247, 1; 248, 2; 253, 3; 254, 1; 258, 1; 262, 1; 271, 2; 273, 1; 277, 2; 279, 1; 282, 1; 290, 1; 303, 1; 304, 2; 305, 1; 306, 1; 310, 1; 312, 1; 315, 1; 317, 1; 334, 1; 339, 9; 340, 2; 342, 1; 343, 2; 345, 1; 348, 1; 352, 4; 370, 3; 371, 3; 403, 2; 404, 1; 411, 14; 426, 2; 434, 1; 435, 1; 436, 1; 439, 2; 463, 1; 464, 1; 470, 1; 472, 1; 494, 1; 496, 3; 497, 2; 502, 1; 519, 2; 523, 1; 525, 1; 532, 1; 555, 1; 559, 1; 621, 1; Ile a la Crosse (unorganized territory), 5.

ACTINOMYCOSIS—Total cases 3.

Villages—1. Robsart 1.

Rural Municipalities—2. No. 134, 1; 279, 1.

INFANTILE PARALYSIS—Total cases 29.

Cities—12. Regina 12.

Towns—4. Arcola 1, Indian Head 1, Melville 2.

Villages—3. Birch Hills 1, Pangman 1, Preeceville 1.

Rural Municipalities—10. No. 9, 1; 65, 1; 158, 1; 186, 1; 190, 1; 217, 1; 246, 1; 276, 2; 461, 1.

BACILLARY DYSENTERY—Total cases 24.

Towns 2. Canora 1, Herbert 1.

Villages—1. Punnichy 1.

Rural Municipalities—21. No. 195, 1; 248, 2; 317, 1; 434, 1; 487, 1; Ile a la Crosse (unorganized territory), 15.

AMEBIC DYSENTERY—Total cases 5.

Cities—3. Regina 2, Weyburn 1.

Villages 2. Conquest 1, Dinsmore 1.

ENCEPHALITIS LETHARGICA—Total cases 2.

Cities—1. Saskatoon 1.

Rural Municipalities 1. No. 219, 1.

EPIDEMIC ENCEPHALITIS—Total cases 4.

Villages—1. Bruno 1.

Rural Municipalities—3. No. 252, 1; 277, 1; 338, 1.

GERMAN MEASLES—Total cases 27.

Cities—19. Moose Jaw 2, Regina 2, Saskatoon 13, Yorkton 2.

Towns—1. Cabri 1.

Villages—1. Viscount 1.

Rural Municipalities—7. No. 4, 2; 11, 1; 164, 1; 342, 1; 437, 1; 498, 1.

INFLUENZA—Total cases 506.

Towns—25. Eastend 6, Humboldt 11, Langham 6, Nokomis 2.

Villages—126. Allan 1, Ceylon 1, Dollard 1, Holdfast 60, Macrorie 33, Penzance 30.

Rural Municipalities—355. No. 65, 1; 221, 70; 225, 60; 229, 150; 244, 1; 280, 1; 285, 49; 313, 4; 439, 2; Ile a la Crosse (unorganized territory) 17.

OPHTHALMIA NEONATORUM—Total cases 1.

Towns—1. Humboldt 1.

PUERPERAL FEVER—Total cases 7.

Towns—1. Foam Lake 1.

Villages—2. Balcarres 1. Vibank 1.

Rural Municipalities—4. No. 124, 1; 275, 1; 277, 1; 431, 1.

SORE THROAT—EPIDEMIC—Total cases 19.

Rural Municipalities—19. No. 11, 10; 159, 1; 277, 5; Ile a la Crosse (unorganized territory) 3.

TYPHOID CARRIER—Total cases 2.

Rural Municipalities—2. No. 430, 2.

DIPHTHERIA CARRIER—Total cases 3.

Cities—1. Regina 1.

Villages—1. Birch Hills 1.

Rural Municipalities—1. No. 128, 1.

TETANUS—Total cases 1.

Rural Municipalities—1. No. 247, 1.

UNDULANT FEVER—Total cases 6.

Towns—3. Moosomin 1. Outlook 1. Wynyard 1.

Villages—1. Simpson 1.

Rural Municipalities—2. No. 121, 1; 371, 1.

IMPETIGO CONTAGIOSA—Total cases 330.

Towns—59. Alsask 2. Bredenbury 2. Canora 30. Eastend 2. Langham 2. Lumsden 14. Morse 4. Nokomis 2. Wynyard 1.

Villages—40. Admiral 3. Bateman 1. Birch Hills 2. Dilke 8. Domremy 2. Holdfast 5. Hudson Bay Junction 6. Invermay 1. Lashburn 1. Meacham 2. Meadow Lake 7. Viscount 1. Wakaw 1.

Rural Municipalities—231. No. 4, 2; 16, 6; 18, 12; 19, 5; 104, 1; 128, 5; 152, 20; 156, 2; 159, 4; 186, 1; 189, 3; 221, 20; 226, 1; 248, 10; 257, 1; 277, 65; 285, 2; 317, 6; 333, 1; 339, 35; 340, 2; 349, 7; 359, 1; 371, 3; 430, 1; 439, 2; 471, 4; 472, 1; 519, 1; Ile a la Crosse (unorganized territory) 7.

SCABIES—Total cases 395.

Towns—99. Alameda 40. Alsask 8. Biggar 2. Bredenbury 4. Canora 6. Gull Lake 1. Humboldt 10. Lumsden 16. Morse 11. Nokomis 1.

Villages—76. Balcarres 6; Bienfait 3. Cut Knife 1. Domremy 10. Holdfast 10. Invermay 1. Lashburn 4. Meadow Lake 7. Norquay 3. Prud'homme 12. Viscount 1. Wakaw 18.

Rural Municipalities—220. No. 34, 1; 63, 6; 128, 1; 159, 6; 166, 5; 186, 1; 189, 4; 221, 8; 225, 25; 248, 15; 250, 2; 257, 3; 277, 30; 292, 30; 312, 2; 315, 5; 317, 8; 318, 1; 339, 24; 349, 7; 359, 4; 371, 2; 380, 7; 434, 4; 439, 11; 471, 2; Ile a la Crosse (unorganized territory) 6.

CONJUNCTIVITIS—Total cases 56.

Towns—45. Canora 38. Nokomis 1. Shaunavon 6.

Villages—1. Birch Hills 1.

Rural Municipalities—10. No. 226, 2; 303, 7; 381, 1.

VINCENT'S ANGINA—Total cases 15.

Cities—2. Regina 2.

Towns—3. Alsask 2. Asquith 1.

Rural Municipalities—10. No. 277, 9; 317, 1.

RINGWORM—Total cases 1.

Rural Municipalities—1. No. 99, 1.

TABLE X.—VACCINES AND SERA ISSUES AND COSTS. 1933.

Product	Quantity		Cost
Diphtheria antitoxin	units	27,501,000	\$ 3,318.54
Diphtheria toxoid	persons	17,037	2,216.00
Diphtheria Schick test	persons	7,050	70.50
Smallpox vaccine	persons	26,180	1,178.08
Typhoid vaccine	persons	3,260	315.37
Anti-meningococcus serum	c.c.	4,400	275.00
Tetanus antitoxin	units	914,500	274.35
Scarlet fever antitoxin	c.c.	14,189	2,267.05
Scarlet fever toxin	persons	5,541	1,202.88
Scarlet fever Dick test	persons	4,200	105.00
Anti-anthrax serum	c.c.	450	15.75
Pertussis vaccine	c.c.	1,930	77.20
Total cost			\$11,315.72

TABLE XI.—ISSUES AND COSTS OF DIPHTHERIA ANTITOXIN
BY MONTHS. 1932 AND 1933.

Month	1932		1933	
	Units issued	Cost	Units issued	Cost
January	5,243,000	\$ 633.62	2,792,000	\$ 339.68
February	4,815,000	576.50	2,149,000	250.86
March	4,027,000	487.38	2,135,000	259.30
April	2,693,000	326.62	2,252,000	271.68
May	2,956,000	357.84	1,938,000	233.72
June	1,259,000	151.86	1,873,000	226.22
July	2,080,000	251.20	1,869,000	227.26
August	1,391,000	167.94	1,203,000	144.82
September	3,064,000	370.16	3,804,000	459.36
October	6,848,000	830.72	2,062,000	250.28
November	5,169,000	628.06	3,367,000	406.98
December	5,935,000	717.30	2,057,000	248.38
Totals	45,480,000	\$5,499.20	27,501,000	\$3,318.54

TABLE XII.—ISSUES AND COSTS OF DIPHTHERIA TOXOID
BY MONTHS. 1932 AND 1933.

Month	1932		1933	
	No. of persons	Cost	No. of persons	Cost
January	1,246	\$ 173.95	1,176	\$ 160.65
February	2,843	351.30	1,111	134.95
March	1,602	208.05	822	123.25
April	1,241	150.65	1,871	230.80
May	1,311	183.55	2,114	269.50
June	841	112.95	1,037	130.80
July	286	41.05	1,055	148.30
August	1,358	186.90	2,551	302.10
September	1,230	151.55	2,273	290.00
October	3,225	428.95	1,790	233.30
November	2,107	260.05	762	116.65
December	1,414	200.20	475	75.70
Totals	18,704	\$2,449.15	17,037	\$2,216.00

TABLE XIII.—SCARLET FEVER VACCINES AND SERA. MONTHLY ISSUES AND COSTS. 1933.

	Antitoxin		Toxin		Dick Test		Total Cost
	No. of c.c.	Cost	No. of persons	Cost	No. of persons	Cost	
January ..	1,993	\$ 325.85	478	\$ 101.84	200	\$ 5.00	\$ 432.69
February..	1,270	201.50	388	80.24	590	14.75	296.49
March	1,728	275.10	1,055	232.48	360	9.00	516.58
April	907	143.15	454	98.48	520	13.00	254.63
May	773	128.35	333	74.16	260	6.50	209.01
June	1,427	221.65	370	80.24	280	7.00	308.89
July	456	70.20	58	13.52	250	6.25	89.97
August	782	120.40	175	40.16	440	11.00	171.56
September	1,305	201.75	311	72.88	460	11.50	286.13
October ..	629	107.05	838	178.16	490	12.25	297.46
November	1,616	264.70	815	171.52	200	5.00	441.22
December	1,303	207.35	266	59.20	150	3.75	270.30
Totals..	14,189	\$2,267.05	5,541	\$1,202.88	4,200	\$105.00	\$3,574.93

TABLE XIV.—VACCINES AND SERA ISSUES. QUINQUENNIAL.

Product	1929	1930	1931	1932	1933	Total
Diphtheria antitoxin	86,582,000	55,650,000	47,106,000	45,480,000	27,501,000	262,319,000
Diphtheria toxoid	32,310	23,782	24,140	18,704	17,037	115,973
Diphtheria Schick test	5,525	5,375	7,350	8,800	7,050	34,100
Smallpox vaccine	55,040	51,085	34,410	37,231	26,180	203,946
Typhoid vaccine	5,042	3,294	3,733	2,445	3,260	17,774
Anti-meningococcus serum	5,440	3,720	4,660	2,860	4,400	21,080
Tetanus antitoxin	549,500	1,169,000	964,000	899,500	914,500	4,496,500
Scarlet fever antitoxin	21,234	13,564	10,806	12,289	14,189	72,082
Scarlet fever toxin	7,020	4,068	3,316	3,102	5,541	23,047
Scarlet fever Dick test	4,710	4,120	4,190	3,140	4,200	20,360
Anti-anthrax serum .....	.....	.....	.....	100	450	550
Pertussis vaccine .....	.....	.....	.....	.....	1,930	1,930

TABLE XV.—VACCINES AND SERA COSTS. QUINQUENNIAL

Product	1929	1930	1931	1932	1933	Total
Diphtheria antitoxin	\$12,120.53	\$ 7,791.00	\$ 6,104.72	\$ 5,499.20	\$ 3,318.54	\$34,834.04
Diphtheria toxoid	3,676.65	2,847.45	3,084.15	2,449.15	2,216.00	14,273.40
Diphtheria Schick test	55.25	53.75	73.50	88.00	70.50	341.00
Smallpox vaccine	2,476.80	2,298.82	1,548.45	1,675.44	1,178.08	9,177.59
Typhoid vaccine	496.25	364.19	363.65	276.62	315.37	1,816.08
Scarlet fever antitoxin	3,367.80	2,140.75	1,694.70	1,944.25	2,267.05	11,414.55
Scarlet fever toxin	1,493.04	875.29	747.20	677.12	1,202.88	4,995.53
Scarlet fever Dick test	117.75	103.00	103.75	78.50	105.00	508.00
Others	551.10	581.20	585.70	452.25	642.30	2,812.55
Totals	\$24,355.22	\$17,055.45	\$14,305.82	\$13,140.53	\$11,315.72	\$80,172.74

TRACHOMA REPORT, 1933

Many congested districts of south eastern Europe are heavily infected with trachoma. Through the exodus of peoples from these regions, e.g., the immigration of Mennonites seeking religious freedom in the new world, the malady has become more prevalent on the plains of Western Canada. In Saskatchewan, our two great settlements of Mennonites, in Osler-Hague district and Wymark district, still suffer from the scourge of trachoma; in these localities the racial origin of the people is largely Dutch, German and Russian. The trachoma area at Kayville is populated by people who emigrated from Roumania.

At the end of 1933, 244 cases of trachoma, distributed in 124 families, are being treated at clinics operated by the Department of Public Health. Private physicians reported 47 cases during 1933, bringing the total up to 291. Thirty-five municipalities are affected. During the year, 170 cases have "cleared up" and 115 new cases have been discovered or reported. In addition to our 291 cases, there are probably about 3,800 cases of trachoma among the native race of Saskatchewan, i.e. the Indians; these are the responsibility of the federal government.

The age, sex and geographical distribution of cases will now be studied.

NOTE:—See graphic representation of these data in Figures No. 1 and No. 2, also statistical analysis in Appendix No. 1.

It appears that the average age of our people with trachoma is 18 years. Over three-fourths of our cases occur between the ages of 5 and 29 years.

There are more men than women with trachoma in the ratio of 122 men to every 100 women. This applies to all ages, except that in girls of teen age (10-19 years) there are more cases than in boys of the same age. That is probably because girls of this age do more home nursing than teen age boys and accordingly are placed in more intimate contact and exposure to infection.

Our female patients are younger than our male by almost four years, viz., average age female 16; average age male 20.

The same information about age and sex distribution of our trachoma cases is given in greater detail in the following table:—

TABLE NO 1.—TRACHOMA IN SASKATCHEWAN, 1933.
(NON-INDIANS)
BY AGE AND SEX

Age Groups	Number of Cases		
	Male	Female	Total
0 - 1 years .....	....	....	....
1	1	1	2
2 .....	..	1	1
3 .....	..	2	2
4	3	2	5
0 - 4	4	6	10
5 - 9	21	17	38
10 - 14	31	31	62
15 - 19	26	30	56
20 - 24	13	5	18
25 - 29	11	7	18
30 - 39	9	4	13
40 - 49	7	3	10
50 - 59	5	2	7
60 - 69	1	..	1
70+ .....	..	..	..
Age not stated	5	3	8
Total	133	108	241
Age and Sex not stated			3
Grand Total of cases at government clinics			244

TABLE NO. 2.—TRACHOMA IN SASKATCHEWAN. 1933.
NON-INDIANS AT GOVERNMENT CLINICS
BY PERIOD OF LIFE AND SEX

Periods of Life	Number of Cases		
	Male	Female	Total
Pre-school children	4	6	10
School children (5-14 years)	52	48	100
Adults	72	51	123
Total	128	105	233
Age and Sex not stated			11
Grand Total			244

TABLE NO. 3.—TRACHOMA IN SASKATCHEWAN, 1933.
Non-Indian Cases at Government Clinics.

District	Families affected	Cases in Family						Cases arrested during 1933	New cases discovered or reported 1933	Total active cases Decem-ber, 1933
		1 case	2 cases	3 cases	4 cases	5 cases	6 cases			
Warman-Hague ..	51	24	10	10	4	3	...	50	24	105
Wymark	42	22	6	8	2	3	1	98	15	86
Kayville	11	7	2	...	...	2	...	19	...	21
Miscellaneous	20	17	...	...	1	2	...	3	29	32
Total	124	70	18	18	7	10	1	170	68	244

Very few children of pre-school age have trachoma. There are more cases of the disease among adults than among school children.

Children to adults	89/100
Children to adults, females only	106/100
Children to adults, males only	72/100

TABLE NO. 4.—GEOGRAPHICAL DISTRIBUTION OF TRACHOMA, SASKATCHEWAN
December 31, 1933.

Trachoma area	Number of cases	Number of families
Warman-Hague-Osler	105	51
Wymark	86	42
Kayville	21	11
Scattered	32	20
Total	244	124

TABLE NO. 5.—TRACHOMA IN SASKATCHEWAN, 1933 (Non-Indian).
GEOGRAPHICAL DISTRIBUTION OF CASES.

Rural Municipalities—No. 21, 3; 63, 1; 70, 24; 107, 11; 127, 2; 134, 1; 136, 43; 137, 32; 154, 1; 159, 1; 165, 11; 166, 1; 171, 1; 184, 1; 189, 1; 217, 5; 218, 2; 221, 6; 228, 1; 229, 3; 247, 1; 276, 1; 369, 1; 373, 4; 374, 66; 375, 4; 377, 8; 380, 1; 403, 16; 404, 15; 434, 1; 466, 17; 493, 3; 588, 2; Ile a la Crosse, 1. Total, 291 cases.

Thirty-five municipalities have trachoma among their non-Indian population.

TRACHOMA CASES. (NON INDIAN) SASKATCHEWAN December 31st. 1933.



FIGURE 3.

---AREAS in which Provincial
Department of Health clinics operate.

TABLE No. 5a.

In array of number of cases, they are as follows:

Rural Municipalities No. 374, 66 cases; 136, 43 cases; 137, 32 cases; 70, 24 cases; 466, 17 cases; 403, 16 cases; 404, 15 cases; 107 and 165, 11 cases each; 377, 8 cases; 221, 6 cases; 217, 5 cases; 373 and 375, 4 cases each; 21, 229 and 493, 3 cases each; 127, 218 and 588, 2 cases each; and the following R.M.'s have 1 reported case each: 63, 134, 154, 159, 166, 171, 184, 189, 228, 247, 276, 369, 380, 434, Ile a la Cross.

Note 1—Government clinic areas in italic.

Note 2—See also spot map of cases, Figure No 3.

TABLE No. 6.—TRACHOMA IN SASKATCHEWAN, 1933.
Geographical Distribution of Cases Arrested and Those Discovered During 1933, at Government Clinics.

Trachoma area	Cases arrested	New cases	Change in No. of cases
Warman-Hague	50	24	—26
Wymark	98	15	—83
Kayville	19	....	—19
Cupar	3	7	+ 4
Regina .....	....	1	+ 1
Vibank .....	....	1	+ 1
Chamberlain .....	....	6	+ 6
Fox Valley .....	....	1	+ 1
Wilson Lake .....	....	4	+ 4
Mullingar .....	....	7	+ 7
Champion S.D. ....	....	2	+ 2
Total	170	68	—102
Cases reported by private physicians		47	
Total new cases		115	

TYPE OF TREATMENT.

Health education designed to improve hygienic conditions in the districts affected was encouraged, especially along lines of cleanliness, use of separate towels, etc.

The usual treatment for the chronic cases consists, in the main, of the daily application of a heavy metal—copper—to the affected parts. This was dispensed in the form of copper sulphate pencils or copper citrate ointment (5% to 10%). Other special cases called for the exhibition of such drugs as silver nitrate, atropine sulphate, mercuric oxide, etc., and such measures as hot saline compresses, etc.

The departmental physician made three visits to each area during the year. Three part-time nurses are at present employed on trachoma.

The number of cases sent from government clinics to ophthalmologists during the year, for special treatment, was four, distributed as follows:

Special Treatments, 1933.

Saskatoon area	1
Swift Current area	2
Kayville area	1
Total	4

NEW REGULATIONS.

New regulations applying to trachoma were drafted during 1933. These make provision for compulsory examination, if necessary, of all persons in any district where trachoma exists. They also make attendance at clinics for treatment of trachoma more clearly an obligation on the part of those suffering from the disease.

TRACHOMA AMONG SASKATCHEWAN INDIANS.

Trachoma is very prevalent among the Indians of Saskatchewan, both in the schools and on the reserves. Dr. Stone, chief physician of the Indian Department, believes that 30 per cent. is the probable incidence among Indians in Saskatchewan. The population of this race, estimated for December 31, 1933, is 12,600. Accordingly there are probably approximately 3,800 cases of trachoma among the Indians of this province.

The federal government furnishes one full-time nurse and about 20 per cent. of the time of one ophthalmologist to take care of trachoma among the Indians of Saskatchewan.

BLINDNESS IN OUR CASES.

Few, if any, cases of blindness from trachoma have come to our notice at clinics during 1933. The vision is diminished, however, to varying extents, in many cases. An attempt will be made to keep a record, in as many cases as possible, of ability to read the test card.

A new system of tabulation of severity of cases will be introduced for convenience in recording results of treatment. The classes are as follows:

Class "A"—Normal appearing eyes.

Class "B"—Suspicious cases, which must be watched for some time before arriving at a diagnosis.

Class "C"—Mild cases with moderate hypertrophy of the conjunctiva, perhaps a few granules.

Class "D"—Moderately severe cases, showing numerous granulations.

Class "E"—Severe cases, exhibiting sequelae, such as marked pannus, entropion, trichiasis, etc.

Class "F"—Condition which is called "arrest," where the mucous membrane is replaced by granulation tissue.

Class "G"—Blindness.

SUMMARY.

The racial origin of our trachoma cases is North American Indian, Dutch, German, Russian and Roumanian. The number of trachoma cases among the Indian population of Saskatchewan has been estimated at 3,800.

The federal government has employed one full-time nurse and about 20 per cent. of the time of an ophthalmologist to deal with these cases.

At the end of 1933 we had 291 reported trachoma cases among non-Indians. The provincial government employs one part-time physician and three part-time nurses in the control of trachoma.

During the year 170 cases have become quiescent and 115 new cases have been reported.

T. DOUGLAS KENDRICK, M.D., D.P.H.

Division of Sanitation

F. C. MIDDLETON, M.D., D.P.H.,

Deputy Minister of Public Health.

The following is the report on the work of the Division of Sanitation for the calendar year, 1933.

WATERWORKS AND SEWERAGE.

Owing to economic conditions there were very few extensions to existing waterworks and sewerage installations in the province during the year. Such extensions as were made were carried out by the larger urban municipalities, and plans, specifications, engineering reports and other data were submitted by the municipal officials and the proposals were fully investigated by the department's engineers before approval was given.

Municipal Waterworks.

During the year 1933, four certificates covering the construction and extension of waterworks systems in the province were issued by the department, representing a total expenditure of \$26,009.15. A list of these certificates is given in table No. 1.

The town of Melville has been obtaining its water during recent years from two sources, both of which are underground supplies. Last summer the available water stored in the Canadian National Railway Company's impounding reservoir had dropped to a level that made it necessary for the railway company to serve notice on the town of its inability to continue to supply the town with water and the town began to investigate new sources to supply the citizens with water.

A new well was drilled to a depth of 130 feet, close to the pumping station which was erected in the year 1930. The water from this well was pumped to an aeration chamber located in the pumping station and from there to the storage tower. The estimated yield from this well is at the rate of 20 gallons per minute or approximately 29,000 gallons for 24 hours if operated continuously.

To supplement this supply an investigation was made to determine if a water supply could be developed from an area north and northwest of the town and this is the project on which the town officials are now working. Test holes were put down and excavations made with the result that a sufficient supply of water in the catchment area appeared to justify its further development. Due to the fact that the proposed new water supply receives a certain quantity of water by infiltration from a creek, the department required that the supply be disinfected and accordingly the town arranged to install a chlorinator, which was placed in operation during the month of March.

At Melfort, owing to excessive floods in the creek early in the year, it was necessary to repair the spillway on the dam at a cost of \$14,300.00. On June 8th, the writer visited the town of Melfort and inspected the site of the new spillway, pumping station and filters. An examination was also made of the proposed site for a dam at Eagle Lake. The town were advised that while the site suggested would lend itself to the construction of a dam at a very reasonable figure, the department felt that any sums which were available for improving the town water supply should be spent at the present time on some form of aeration rather than in the construction of a new dam.

At the end of the present year there were thirty-six waterworks systems in the province, all of which were municipally owned and operated. In fifteen of these plants the water is disinfected by liquid chlorine.

Particular attention has been paid to the cleaning out of storage reservoirs and to the regular flushing out of the distribution systems and periodic samples have been obtained from the various plants with a view to insuring that the supply is bacteriologically satisfactory. The general situation with regard to urban and rural water supplies in the dried-out areas has been similar to last year and although shortage of water has been noticeable in a number of smaller municipalities, particularly in the southern district of the province, there has been no actual hardship experienced by such municipalities due to lack of drinking water.

Semi-urban and Rural Water Supplies.

Attention has again been given to the inspection of semi-urban and rural water supplies. The district sanitary officers investigated 2,362 of these sup-

plies and made recommendations as to the method by which they might be improved. During the year 736 opinions were given from the department on the sanitary quality of municipal and individual supplies and this service, which is obtainable for the cost of postage of the container, continues to be taken advantage of by large numbers of the rural residents of the province.

The typhoid death rate per 100,000 of population during the year was 2.4 which, with the exception of the year 1928, when the figure was the same, is lower than any previous year in the history of the province.

Sewerage and Sewage Disposal.

During the year 1933, two certificates in connection with sewerage systems were issued by the department, representing a total expenditure of \$40,095.45 as shown in table No. 2. The greater part of this sum was included in the extension of the city sewage system of Prince Albert to the penitentiary, a distance of over a mile within the city limits. With the construction of this sewer the penitentiary will no longer require to treat its sewage independently and any possibility of the effluent from the penitentiary reaching the North Saskatchewan river up-stream from the city of Prince Albert will be definitely removed.

So far as conditions have permitted, inspections have been made of the existing sewage disposal plants operated by municipalities in the province and the reports on file indicate that in spite of the inability of municipalities to incur expenditure in extending or reconditioning the plants the effluent discharged into the various water courses has been reasonably satisfactory.

Public Buildings.

During the year 278 inspections have been made of the water supplies and drainage systems at hospitals, schools and other public buildings in the province and the necessary advice has been given to the authorities in charge as to the maintenance and improvement of these installations.

URBAN AND RURAL SANITATION.

The sanitation of the province continues to be supervised by sanitary officers operating in eight districts. District No. 7 still remains vacant and the sanitary officers for districts Nos. 6 and 8 have again divided between them the work on this district.

Interest continues to be maintained by municipal councils in the scoring system so far as it applies to towns and villages. The scores for these municipalities are given in table No. 3.

The following statement shows that the average increase in the past three years is 5.8 points.

SCORES AWARDED BY DISTRICTS FOR THE YEARS 1931, 1932 AND 1933.

District	1931		1932		1933		Average for three years
	Towns	Villages	Towns	Villages	Towns	Villages	
1	82.0	73.0	82.8	73.7	84.5	76.5	78.8
2	76.0	61.4	76.2	62.5	77.0	64.9	69.3
3	71.0	58.0	68.0	56.3	67.8	57.2	63.1
4	79.0	48.6	75.7	49.8	76.9	54.9	64.2
5	77.6	68.6	81.0	68.6	87.7	73.1	76.1
6	70.0	57.1	76.6	68.7	82.4	77.0	71.9
7	68.0	52.4	76.1	64.2	78.1	67.7	67.8
8	75.4	70.4	78.2	74.2	80.0	75.1	75.6
Averages for eight districts	68.0		70.8		73.8		70.9

During the year under review, 775 municipal inspections were made and 321 re-inspections were also carried out. The general inspections include all measures undertaken by the municipal council to improve the sanitary environment of the municipality and deal with such matters as water, milk and food supplies, summer resorts, schools, tourist, construction and lumber camps, plumbing inspections, drainage and water supplies for public and private institutions, approval of creamery and cemetery sites and other miscellaneous mat-

ters. The total number of inspections carried out during the year by the district sanitary officers was 16,281 as against 11,540 during the previous year. A summary of these inspections is shown on table No. 4.

Milk Supplies.

During the year, 2,155 inspections were made of milk supplies in the province and in the great majority of these inspections sediment tests were made of the milk offered for sale and the results of these tests were demonstrated to the dairymen.

The number of towns and villages which have passed a bylaw for the licensing of vendors of milk and the tuberculin testing of cows has increased to 207, or an additional 64 municipalities have placed this bylaw on their statute books during the year.

Interest is beginning to be shown by certain municipalities in the matter of testing dairy cattle for contagious abortion. One or two cases of undulant fever have made their appearance and owing to the prevalence of contagious abortion amongst cattle, more than one municipality has decided that action should be taken to have all cows supplying milk tested for this disease.

The town of Moosomin during the year passed a milk pasteurization bylaw with the express purpose of protecting the citizens against undulant fever contracted from bovine sources.

Food Supplies.

The usual investigations have been made with reference to meat stores, slaughter houses, bakeries and other places where food is stored and sold to the public and reports are on file in connection with 1,928 inspections made in this connection.

Disposal of Wastes.

Continued progress is reported by the district sanitary officers in the condition of outside closets throughout the rural section of the province and the matter of proper and frequent removal of kitchen and household wastes has also received close supervision by these officials.

Thirty-four boards of health have adopted a form of bylaw drafted by the department for establishing and regulating a scavenging system.

The condition and supervision of waste disposal grounds is realized to be an important feature in the general sanitary environment of any community and 965 inspections were made of these areas during the year.

There are still a number of these waste disposal grounds in the province located too close to roadways or railways and the department has been successful during the year in requiring quite a few municipalities to obtain a new site and to leave the old areas in good sanitary condition.

Hotels, Boarding Houses and Restaurants.

The re-inspection of these places of accommodation has been continued and a total of 1,816 inspections were made of these premises.

The records of the division show that there are 474 hotels in the province and that of this number 31 were not being operated during the year owing to economic conditions.

The hotels which were inspected have again been classified to indicate their approximate standing and the following is a summary of the classifications awarded for the years 1932 and 1933:—

	1932	1933
Very good	17.7%	22%
Good	52.4%	55%
Fair	28.4%	22%
Poor	1.5%	1%

Summer Resorts, Tourist Camps and Fairgrounds.

During the month of June all summer resorts in the province were inspected with a view to arrangements being made whereby summer visitors would have the maximum available health protection. A total of 90 inspections were made of these resorts during the year and a complete report submitted by the district sanitary officers following each inspection.

Inspections were also made of 67 auto tourist camps and wherever possible the department's representative attended fairgrounds on the actual days when the fairs were in progress.

Plumbing Inspections.

Six plumbing permits were issued by the department during the year, which is lower than any previous year. A total of 40 inspections were made, however, of plumbing and drainage work throughout the province.

Communicable Disease.

As circumstances arise the district sanitary officers are notified of any outbreaks of communicable disease and they give the necessary assistance to the local medical health officers in controlling the outbreak. The number of outbreaks investigated was 79. In no case was there any epidemic of typhoid fever.

Vital Statistics.

As a matter of routine the district sanitary officers visit every registrar of vital statistics in the towns and villages and satisfy themselves that the records required by the department are being properly kept and the necessary statistics forwarded. The number of inspections made during the year in connection with vital statistics was 2,107.

Ice Permits.

The division has again co-operated with the Department of Natural Resources in the matter of issuing ice permits. These permits were issued to 96 individuals and companies and inspections were made during the winter months of a number of ice cutting fields.

Cemetery Sites.

Approval has been given during the year to the sites for twenty-eight cemeteries, following the submission of satisfactory information as to the topography and environment of the site. The cemeteries approved are located at the following points: Allan, Alvena, Crystal Springs, Deer Ridge, Fife Lake, Foxford, Francis, Hazelwood, High Tor, Kinistino, Kinloch, Loon Forks, Makwa, Merle, Meadow Lake, Medstead, Prince Albert, Regina, Snowden, Saskatoon, Mildred, Bapaume, Smeaton, Shell Lake, Swift Current, Steep Creek, and White Fox.

Old Age Pensions and Mothers' Allowances.

The arrangement under which the Department of Public Health has assisted in making old age pensions' inspections on behalf of the Bureau of Child Protection has continued during the present year and the sanitary officer for district No. 8 has, in addition to his other work, made 270 inspections during the year. These investigations are included in the miscellaneous inspections shown in table No. 4, district No. 8, and a total number of 59 days has been spent on this work.

Slaughter Houses.

Licenses issued to butchers.....	156
Licenses issued to beef rings.....	78
Total	234

During the year the fee for a slaughter house license was reduced in the case of a butcher from \$10.00 to \$5.00, the fee for a beef ring slaughter house remaining at the figure of \$2.00.

Council and Public Meetings.

Seventy council and public meetings were attended and addressed by the district sanitary officers. At several of these meetings the department's officials gave illustrated talks on public health, in some cases showing moving pictures to illustrate their subject.

Summary of Inspections.

The following summary shows the total number of inspections made by the sanitary officers during the year and the percentage of the total of the various types of inspections:

	<i>No. of inspections</i>	<i>Percentage of total inspections</i>
Inspections to determine the sanitary environment of towns, villages and hamlets	1,096	6.7
Water, milk and food supplies	6,445	39.6
Hotels, boarding houses and restaurants	1,816	11.2
Disposal of wastes	965	5.9
Investigation of communicable disease and vital statistics records	2,186	13.4
Hospitals, schools, institutions (water supply and drainage) and plumbing inspections	344	2.1
Summer resorts, auto camps and fairgrounds	170	1.1
Barber shops	682	4.2
Camps—lumber, mining and boy scout	35	0.2
Public and council meetings	70	0.4
Miscellaneous inspections:		
Old age pensions and mothers' allowances	270	1.7
Fox ranches	459	2.8
Other inspections	1,743	10.7
Totals	16,281	100.0%

REGULATIONS.

During the year the Regulations respecting Milk and Certain Milk Products were revised and amended and the Regulations governing Sanitation were also revised.

UNION HOSPITAL ORGANIZATION AND CONSTRUCTION.

No new hospital districts were established during the year. The number of union hospitals in operation in the province remains at twenty.

CORRESPONDENCE.

During the year 3,040 letters were received and 3,746 letters mailed, exclusive of circular letters and correspondence to and from the district sanitary officers.

APPENDICES.

Attached are the four tables referred to in the report.

R. H. MURRAY, C.E.,
Director, Division of Sanitation.

TABLE No. 1—WATERWORKS.

Date 1933	Municipality	Work authorized	Amount
Feb. 17	Melville	Extensions to waterworks system.....	\$11,000.00
May 18	Melfort	Construction of new spillway and aeration chamber	14,300.00
May 19	Estevan	Water house connections.....	115.35
Aug. 10	Assiniboia	Cleaning out of town reservoir.....	593.80
		Total.....	\$26,009.15

TABLE No. II—SEWERAGE.

Date 1933	Municipality	Work authorized	Amount
May 19	Estevan	Sewer house connections.....	\$ 95.45
June 2	Prince Albert	Extension to sewerage system.....	40,000.00
		Total.....	\$40,095.45

TABLE No. 3—SCORES AWARDED URBAN MUNICIPALITIES.

District No. 1		Name	Score	Name	Score	District No. 4	
<i>Towns</i>		Mortlach	81	Indian Head....	83	<i>Towns</i>	
Name	Score	Caron	79	Moosomin	81	Name	Score
Maple Creek	92	Qu'Appelle	78	Carnduff	80	Melville	93
Shaunavon	88	Ogema	74	Carlyle	77	Kamsack	81
Gravelbourg	85	Milestone	71	Radville	75	Foam Lake	77
Herbert	85	Balgonie	51	Wolseley	72	Saltcoats	77
Leader	85	<i>Villages</i>		Alameda	68	Wadena	77
Cabri	84	Regina Beach..	90	Grenfell	67	Bredenbury ...	74
Gull Lake	82	Viceroy	88	Francis	61	Canora	71
Morse	82	Avonlea	87	Sintaluta	60	Lemberg	65
Eastend	78	Rockglen	86	Wapella	60	<i>Villages</i>	
<i>Villages</i>		Briercrest	84	Whitewood	60	Lipton	77
Aneroid	88	Willow Bunch..	77	Arcola	55	Theodore	76
Vanguard	85	Coderre	75	Yellowgrass ...	53	Langenburg ...	73
Neville	84	Mossbank	75	Oxbow	52	Duff	71
Lancer	83	North Regina..	74	Fleming	43	Fort Qu'Appelle	69
Dollard	82	Pense	74	<i>Villages</i>		Norquay	69
Ernfold	82	Brownlee	73	Kipling	86	Springside	69
Abbey	81	Ceylon	73	Welwyn	82	Esterhazy	68
Bateman	81	Riverhurst	73	Rocanville	78	Rhein	68
Robsart	81	Central Butte..	71	Windthorst ...	76	Balcarres	67
Scotsguard	81	Disley	71	Creelman	72	Lebret	66
Webb	81	Edenwold	71	North Portal...	71	Togo	65
Admiral	80	Mazenod	71	Goodwater	70	Dubuc	64
Frontier	80	Readlyn	70	Kisbey	70	Pelly	63
Orkney	80	Wood Mountain	70	Montmartre ...	67	Sturgis	60
Prelate	80	Bengough	69	Torquay	66	Abernethy	59
Bracken	79	Craven	69	Frobisher	65	Kelvington	59
Carmichael	79	Findlater	69	Benson	64	Lestock	59
Chaplin	79	Tuxford	68	Halbrite	64	Ituna	58
Consul	79	Belle Plaine ...	67	Antler	63	Kelliher	58
Sceptre	79	Keeler	67	Carievale	63	Dysart	57
Shackleton ...	79	Bridgeford	66	Colgate	63	Neudorf	56
Fox Valley	78	Fife Lake	66	Maryfield	63	Stockholm	56
Hodgeville	78	Wilcox	66	Griffin	61	Grayson	55
Success	78	Coronach	65	Tyvan	61	Insinger	55
Tompkins	78	Truax	63	Wawota	61	Veregin	55
Climax	76	Tugaske	63	Vibank	60	Buchanan	53
Burstall	75	Verwood	63	Heward	59	Stornoway	53
LaFleche	75	Khedive	62	Gainsborough..	58	Invermay	52
Mendham	75	Horizon	61	Bienfait	57	Sheho	52
Pennant	75	Expanse	60	Bromhead	57	Stenen	52
Val Marie.....	75	Parkbeg	60	Glenavon	57	Willowbrook ..	52
Waldeck	75	Mitchellton ...	59	McTaggart	55	Killaly	51
Cadillac	74	Pangman	59	Redvers	54	Spy Hill	51
Lemsford	74	Limerick	58	Macoun	53	Fenwood	50
Meyronne	74	Marquis	58	Manor	53	Margo	50
Portreeve	74	Mawer	57	Fairlight	52	Atwater	49
Vidora	74	Willows	57	Roche Percee..	52	Otthon	49
McMahon	73	Eyeblow	56	Forget	50	Churchbridge ..	48
Ponteix	73	Drinkwater ...	55	Kennedy	49	Waldron	48
Rush Lake.....	73	Ardill	54	Alida	48	MacNutt	47
Instow	72	Darmody	54	Glen Ewen	48	Arran	46
Piapot	72	Forward	54	Midale	48	Elfros	46
Hatton	71	Lawson	54	Lang	47	Goodeve	46
Hazenmore	71	Spring Valley..	54	Odessa	46	Jasmin	46
Kincaid	69	Hardy	52	Fillmore	45	Bangor	45
St. Boswells....	69	Bethune	49	Summerberry..	45	Leross	45
Woodrow	69	Amulet	48	Wauchope	45	Leslie	45
Shamrock	68	Ettington	48	Tribune	43	Calder	44
Wymark	61	Vantage	47	Osage	41	Hyas	44
<i>District No. 2</i>		Palmer	42	Stoughton	41	Tantallon	44
<i>Towns</i>		<i>District No. 3</i>		<i>Towns</i>		Wroxton	44
Assiniboia	90	Estevan	91	Lampman	40	Rama	41
Rouleau	87	Broadview	84	Sedley	39	Hubbard	40
Lumsden	82					Preeceville	37

District No. 5		Name	Score	Name	Score	Name	Score
<i>Towns</i>		Bradwell	67	Leney	79	Cavell	61
Name	Score	Quinton	67	Druid	77	Salvador	61
Davidson	95	Holdfast	66	Madison	77	Rockhaven	59
Sutherland	95	Kenaston	66	Smiley	75	Glaslyn	58
Wynyard	95	Venn	66	Vanscoy	75	Landis	58
Humboldt	93	Chamberlain ..	65	Luseland	74	Evesham	56
Nokomis	92	Dilke	64	Macrorie	73	Revenue	54
Watson	90	Drake	64	Major	73	Paynton	52
Govan	89	Guernsey	64	Stranraer	73	Adanac	44
Craik	88	Broderick	63	McGee	72	<i>East Section</i>	
Outlook	88	Lockwood	63	Hughton	70	<i>Towns</i>	
Watrous	88	Dafoe	62	Bounty	69	Radisson	80
Lanigan	85	Penzance	61	Harris	69	<i>Villages</i>	
Hanley	82	Zelma	61	Laura	69	Blaine Lake...	84
Vonda	82	Leroy	59	Tramping Lake	69	Borden	77
Strasbourg	67	Muenster	54	Mantario	68	Marcelin	71
<i>Villages</i>		Englefeld	51	Springwater ...	67	Krydor	68
Punnichy	93	St. Gregor	47	Loverna	66	Hafford	61
Elstow	91	District No. 6		Kyle	65	District No. 8	
Plunkett	91	<i>Towns</i>		Tessier	65	<i>Towns</i>	
Bruno	90	Biggar	92	Handel	63	Tisdale	90
Colonsay	90	Kerrobert	90	Netherhill	62	Melfort	88
Viscount	86	Alsask	87	Ruthilda	62	Rosthern	85
Semans	85	Eston	83	Marengo	56	Star City	78
Quill Lake	84	Zealandia	83	District No. 7		Duck Lake	59
Raymore	84	Kindersley	79	<i>West Section</i>		<i>Villages</i>	
Simpson	84	Asquith	76	<i>Towns</i>		Kinistino	91
Allan	83	Delisle	76	Wilkie	93	Nipawin	87
Dundurn	83	Rosetown	76	Battleford	87	Ridgedale	84
Aberdeen	81	<i>Villages</i>		Lloydminster ..	79	Shellbrook	84
Earl Grey	81	Dinsmore	92	Langham	77	Codette	82
Loreburn	80	Eatonia	92	Macklin	77	Parkside	82
Southey	80	Milden	89	Scott	75	Naicam	81
Young	80	Lucky Lake ...	88	Unity	57	Wakaw	81
Cupar	79	Ardath	87	<i>Villages</i>		Domremy	79
Duval	78	Dunblane	87	Lashburn	84	Big River	76
Glenside	78	Birsay	86	Turtleford	84	Canwood	75
Prud'homme ..	78	Conquest	86	Meadow Lake..	81	Hague	75
Silton	76	Perdue	86	Cut Knife	78	Dalmeny	74
Strongfield	76	Doddsland	85	St. Walburg...	77	Valparaiso	74
Liberty	75	Kinley	85	Denzil	76	Eldersley	73
Bulyea	74	Glidden	84	Marsden	76	Waldheim	72
Girvin	74	Plenty	84	Maidstone	75	Beatty	70
Hawarden	74	Sovereign	84	Meota	72	Debden	70
Elbow	73	Beechy	83	Marshall	71	Weldon	70
Meacham	72	Brock	83	Waseca	71	Hepburn	69
Imperial	71	Wiseton	83	Senlac	70	Laird	67
Lake Lenore...	71	Plato	82	Vawn	69	Birch Hills....	66
Aylesbury	70	Richlea	82	Primate	68	Cudworth	66
Bladworth	70	Elrose	81	Mervin	66	St. Brieux	66
Kandahar	70	Flaxcombe	80	Spruce Lake...	65	Leask	64
Spalding	70	Kelfield	80	Delmas	63		
Tate	70	Swanson	80	Edam	62		
Markinch	69	Herschel	79	Leipzig	62		
Jansen	68						

TABLE No. 4.—SUMMARY OF INSPECTIONS MADE FROM JANUARY 1ST TO DECEMBER 31ST, 1933.

District	Towns— 1st inspection	Towns—Follow up inspection	Villages— 1st inspection	Villages—Follow up inspection	Hamlets— 1st inspection	Hamlets—Follow up inspection	Water supplies	Milk supplies	Food supplies	Schools and institutions	Auto camps	Summer resorts	Hotels	Boarding houses	Restaurants	Fairgrounds	Hospitals	Plumbing inspections	Camps—Lumber, mining, etc.	Waste disposal grounds	Communicable disease	Vital statistics	Barber shops	Public and council meetings	Miscellaneous	Total inspections	Municipal officials interviewed	Total inspection hours
No. 1	12	5	61	5	51	3	478	551	464	79	8	12	103	43	231	5	2	13	2	146	8	159	98	14	91	2,644	481	819
No. 2	14	9	61	24	49	3	342	279	322	118	7	5	47	23	93	8	5	..	..	150	11	81	100	2	562	2,315	283	404
No. 3	18	15	44	43	29	8	211	249	222	16	12	6	80	9	167	..	1	2	16	144	18	67	42	6	451	1,876	442	542
No. 4	17	7	63	25	30	..	222	135	126	6	8	49	77	1	101	..	..	..	3	108	..	65	50	4	127	1,224	125	471
No. 5	21	17	49	36	5	1	157	301	165	20	14	7	105	1	97	..	..	..	4	77	2	83	36	34	62	1,294	488	529
No. 6	8	9	48	42	42	28	275	299	215	8	8	5	89	19	163	..	..	1	..	156	11	136	164	1	17	1,744	301	631
No. 7	8	7	35	15	34	11	336	148	190	13	4	..	71	8	100	..	3	2	..	96	3	45	114	3	309	1,555	229	513
No. 8	5	1	27	6	44	1	341	193	224	18	6	6	81	8	99	..	15	22	10	88	26	1,471	78	6	853	3,629	313	987
	103	70	388	196	284	55	2,362	2,155	1,928	278	67	90	653	112	1,051	13	26	40	35	965	79	2,107	682	70	2,472	16,281	2,662	4,896

NOTE.—*District No. 7.*—This District was divided into two sections and worked by the sanitary officers of Districts Nos. 6 and 8. Miscellaneous inspections include 105 investigations with respect to old age pensions and mothers' allowances.

District No. 8.—Miscellaneous inspections include the inspection and re-inspection of 324 fox ranches and 165 investigations with respect to old age pensions and mothers' allowances. Vital statistics inspections include special work undertaken in the city of Prince Albert.

Venereal Disease Report, 1933

There were 1,178 new cases of venereal diseases reported to the department in 1933; syphilis 327, gonorrhoea 851. This is 146 less than reported in 1932. Of the syphilis cases reported, 8.4 per cent. were of congenital origin.

Patients treated at the government dispensaries show an increase of 30—1,843 for 1933, compared with 1,813 in 1932.

During 1933, 39,669 treatments were given in the dispensaries; 31,174 for gonorrhoea and 8,495 for syphilis. This is an increase of 450 treatments over 1932.

There were 58 cases of syphilis reported to the department by physicians in the province that were not treated at the government dispensaries. Of these 58 patients, 57 were reported by their physicians as being unable to pay for treatment, and the department supplied the necessary drugs free of charge; 886 doses of Neoarsphenamine or a similar arsenical preparation, and 1,040 doses of Bismuth or Mercury were supplied to the physicians free for these treatments.

Syphilis Reported by the Stage of the Disease on Admission.

	1933	1932
First stage	11.5%	20%
Second stage	48%	48%
Third stage	32%	26.8%
Congenital	8.4%	4.8%

Wassermann Tests Taken in Provincial Jails.

	Wassermanns Taken	Positive	Percentage of Positive
Regina Jail	854	27	3.16%
Prince Albert Jail	861	23	2.78%
Battleford Jail (Female)	105	10	9.5%

The following tables give the details of the work done by this division:

- No. 1.—Venereal diseases reported.
- No. 2.—Patients treated at dispensaries.
- No. 3.—Number of treatments given in dispensaries.

TABLE NO. 1.—VENEREAL DISEASES REPORTED IN SASKATCHEWAN.

	1933 Total Cases	1933		1932		1931		1930		1929		1928		1927	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
<i>Syphilis</i> —Reported by dispensaries Reported by physicians....	269 58	179 36	90 22	216 47	116 17	205 37	118 22	222 45	119 29	158 47	77 22	192 30	89 13	173 45	108 21
Total syphilis	327	215	112	263	133	242	140	267	148	205	99	222	102	218	129
<i>Gonorrhoea</i> — Reported by dispensaries Reported by physicians..	788 63	550 49	238 14	615 63	233 17	529 65	234 19	582 85	248 39	456 79	272 28	452 58	187 21	464 66	168 22
Total gonorrhoea	851	599	252	678	250	594	253	667	287	535	300	510	208	530	190
Totals male and female		814	364	941	383	836	393	934	435	740	399	732	310	748	319
Total cases Syphilis and Gonorrhoea	1,178	1,178		1,324		1,229		1,369		1,139		1,042		1,067	

TABLE NO. 2.—PATIENTS TREATED AT GOVERNMENT DISPENSARIES.

	1933	1933		1932		1931		1930		1929		1928		1927	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Total Cases															
Syphilis	639	382	257	380	260	472	206	471	228	403	194	450	232	425	277
Gonorrhoea	1,204	736	468	752	421	744	330	787	390	607	362	651	445	678	286
		1,118	725	1,132	681	1,216	536	1,258	618	1,010	556	1,101	677	1,103	563
Total	1,843	1,843		1,813		1,752		1,876		1,566		1,778		1,666	

TABLE NO. 3.—NUMBER OF TREATMENTS GIVEN IN DISPENSARIES.

	1933		1932		1931		1930		1929		1928		1927	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Syphilis														
Gonorrhoea														
Total														

F. C. MIDDLETON, M.D., Director, V.D. Division.

Provincial Laboratory Report, 1933

REGINA, *January 10, 1934.*

F. C. MIDDLETON, M.D., D.P.H.,
Deputy Minister of Public Health.

SIR:

During the year 1933, the number of examinations made in the Provincial Laboratory was 36,498. Details of these examinations are as follows:

Wassermann tests	16,239	Bacillus abortus	164
Throat swabs	870	Miscellaneous	5,155
Sputa	467	Blood counts	278
Widal tests	389	Waters	1,328
Urinalysis	2,805	Chemical	1,703
Examinations for G.C.	5,904	Police exhibits	146
Tissues	1,027	Autopsies	23
Total		36,498	

Commercial value, \$122,711.80.

This total compares with the totals for the last ten years as follows:

1923	17,144	1928	28,242
1924	18,711	1929	28,583
1925	17,419	1930	29,083
1926	20,711	1931	32,954
1927	22,932	1932	33,460

From these figures it will be seen that the number of examinations made in the laboratory is increasing steadily each year. At the same time, the figures give a very inadequate idea of the actual amount of work done. In the fall, for example, the laboratory division located scores of donors for infantile paralysis serum, all of which entailed a great deal of extra work. Thirty-three of these donors were bled in the laboratory, and one hundred doses of serum were made up from the blood obtained from these donors. During the year, about one hundred doses have been sent out.

The preparation of cultures and culture media also takes up a great deal of time, 17,176 cultures having been made up during the year, while the wrapping and the sterilization of apparatus again means many hours of work. In addition to this, the care and feeding of animals takes much of the time of one member of the staff, while the sterilization, packing, and shipping of supplies sent out to hospitals and doctors takes up almost the entire time of another member of the staff. During the year 1,997 parcels of supplies were sent out, 12,601 letters were mailed and 1,176 water containers were sterilized and prepared for sending out. All of this work is done in addition to the actual recorded number of examinations.

Although the rendering of first aid to the members of the Civil Service cannot be considered as a part of the duties of the laboratory staff, this seems to have been thrust upon them, and takes up much time and causes much interruption of the regular work. Approximately a thousand of these cases were treated during the year.

Not included in the number of police exhibits, work done for the Department of the Attorney General included trips out of the city for the following purposes: eight inquests, eight autopsies, five preliminary hearings, three King's Bench trials, and the taking of Wassermann tests in twelve criminal cases in the various jails of the province.

In closing this report I would like to point out that the laboratory staff is now less than it was in 1921, although three times as many examinations have been done.

FRANCES G. MCGILL, M.D.,
Director, Provincial Laboratory.

Public Health Nursing Report, 1933

F. C. MIDDLETON, M.D., D.P.H.,
Deputy Minister of Public Health.

SJR:

I beg to submit herewith the report of the Division of Public Health Nursing for the year ended December 31, 1933.

Routine work accomplished by this division for the year 1933 shows, in the main, an increase over that of the preceding year. This is accounted for by the fact that all nurses were on duty for the full year and that trachoma work occupied only part of the time of four nurses, instead of the full time of three and the part time of one, as in 1932. Special activities for the year were the organization of dental clinics, trachoma treatments and bedside care visits.

A summary of the work of this division accompanies and forms a part of this report.

HEADQUARTERS

The work of the public health nurse was conducted from the following headquarters: Rosthern, Swift Current, Ogema, Kerrobert, Wilkie, Cadillac, Pelly, Stoughton, Melfort, Outlook, Davidson, Wadena, Rose Valley, Cumberland House, Elrose, North Battleford. Change in headquarters was made, as usual, in the majority of cases, in May and June, when the transfer from urban to rural work was effected. Rural work continued to engage the time of the nurse during the summer, with work in towns and villages on railway lines for the winter months.

LOCAL PUBLIC HEALTH NURSING

It is encouraging to report that public health nursing is now carried on in the following of the smaller cities, under local control and finance: North Battleford, Prince Albert, Weyburn and the town of Melville, with Yorkton organized and ready for operation January 1, 1934. Supplies are provided through this division and advisory supervision given.

SCHOOL HEALTH WORK

Health Inspection and Correction of Defects—

Health inspection of school pupils was carried out in 637 schools. Of this number 287 schools submitted reports at the end of the year on the correction of physical defects, following the visit of the nurse. While the figures thus secured are by no means perfect, they are, nevertheless, considered to be fairly accurate and, when the finances of most families during 1933 are considered, are indicative of a remarkably fine effort on the part of parents in behalf of the health of their children. Only 22 of the 287 schools reporting showed no corrections whatever. Of the remainder, Assiniboia S.D. No. 812 had the record for the greatest achievement with a total of 302 corrections (129 dental), Wilkie S.D. No. 2,143 was second with 236 (116 dental) and Shaunavon S.D. 3,228 third with 213 (112 dental). Corrections were for dental caries, unhealthy nose and throat, defective vision and hearing, skin eruptions, weights, etc. Of rural schools, Gabriel S.D. No. 3,979 had the highest total—57 corrections, 44 of which were dental treatment. The total number of corrections reported by teachers was 4,816. Immunization figures are not included. To this number may be added 1,571 children treated at dental clinics, organized by nurses, for which no teacher's report was received. We have, therefore, a definite record of 6,388 corrections as a result of the year's work. Details of corrections are included in the summary of work for the year.

Dental Clinics—

The special effort of public health nurses in school work for 1933 was in connection with the correction of dental defects which, it was agreed, was the greatest need among children of school age throughout the province. Through representations made to the Saskatchewan Dental Society, a special Dental Fund of \$750.00 was placed at our disposal for the work. This fund was made up of equal contributions from the Saskatchewan Dental Society, the Canadian Dental Hygiene Council and the Department of Public Health. The arrangement was that clinics should be organized and attended by public health nurses, who would also provide transportation for the dentist to the centre selected, the dentist to do the work at a special rate suggested by the Dental Society, and the local community in which the work was done to pay half the cost of the services of the dentist and provide accommodation for the nurse and dentist while in the district. It was agreed that relief and new settler areas should receive first

consideration and that the fund should pay the total cost of the clinic in any district where local financial assistance was impossible.

The plan worked admirably, the only difficulty being that the fund was not nearly large enough to reach all the districts where the need was great. The report of the work accomplished through the fund is as follows: Number dental clinics held, 63. Number children treated, 1,012.

Items of special interest in the report are:

1. Assistance was given to schools in 27 different municipalities. Of this number 8 were unorganized or local improvement districts.

2. Of the 63 schools assisted, 28 paid part of the cost, 35 were financed in full from the fund.

3. Of the total number of children treated 119 were in the Meadow Lake new settler area; 366 were in the south relief area; 408 were in the west central relief area; 119 were in north and north western areas.

Probably the most interesting result of the organization of these specially assisted dental clinics was the impetus given through them to the organization of similar clinics in other parts of the province but financed locally. A total of 93 clinics, at which 1,879 children were treated, were held during the year, in districts served by public health nurses, who were responsible for their organization. Dentists gave the same rate as for Dental Fund clinics. We have, therefore, the following total report for assistance in dental work during 1933: Number of clinics held, 156. Total number of children treated, 2,891.

Too much cannot be said of the generous, whole-hearted co-operation given by the dentists of the province in this work. The rate charged was very low, so low, in fact, that the work done was in a large measure a relief contribution. It is scarcely necessary to add that the work was sincerely appreciated in the districts served.

Other Physical Defects—

Nurses have made special efforts toward securing correction of all outstanding physical defects, with the following results: Assistance given by nurses at operations for tonsils and adenoids, 127 cases. Cases reported by nurses to the Canadian National Institute for the Blind and glasses provided, 17. Crippled children cases reported by nurses to the Shriners and to the Junior Red Cross Society and treatment provided, 10 cases. Special cases reported to municipal councils, 39.

One interesting case occurred in the vicinity of Rosthern. Four young children, all under seven years of age, were found by the nurse, who were suffering from the effects of infantile paralysis. They were reported to the Shriners' Committee, and taken to Winnipeg, Manitoba, to the Shriners' Hospital for treatment, the rural municipality in which the children lived providing transportation. All returned within a few months much improved and with the necessary appliances to facilitate walking.

Health Teaching in Schools—

This subject continues to receive attention from the teachers in the schools as a result of the instruction received in health education in the Normal Schools. Special activities in health work were indicated in 231 of the 287 reports received, 51 of this number organizing a Junior Red Cross Society during the year as an aid in health teaching. This work is highly commendable and is given every encouragement by public health nurses.

Special appreciation is due to Saskatchewan teachers for this splendid assistance given in health instruction. It has been continued now in our schools for some fifteen years and results can be noted in the intelligent and interested attitude of young adults in health matters. Education is a slow but sure means to an end.

School Sanitation—

Financial conditions in school districts in 1933 were not conducive to improvement of school properties but school boards appear to have made an effort to maintain healthful conditions. One hundred and twenty-four of the reports received show some improvement during the year, in cleanliness, lighting, ventilation, desks, blackboards, water supply, washing facilities or toilets.

Office Service to Schools—

An effort has been made to provide teachers with all the material necessary to increase the interest and the effectiveness of health teaching. To this end the following material was sent to teachers, in response to requests: Pamphlets

on communicable disease and The Public Health Act, 981 schools. Plays, posters, stories, rhymes, etc., 1,250 schools. Miscellaneous material (eye test charts, diet lists, etc.), 243 schools.

The mailing cost is charged on parcels of health teaching material but this apparently has not deterred teachers from securing it. In no previous year has the amount of material sent out been so great as in 1933.

PRE-SCHOOL WORK

Pre-Natal Service—

While the importance of school health work is recognized, it cannot in any way take precedence over the work of the public health nurse in the home. Here, the contact with the expectant mother is of primary importance since one gauge of the success of public health work is seen in the reduction in infant and maternal mortality rates. Three hundred and one special visits were made to discuss with such mothers their general health and preparation for confinement and to urge and often assist in plans for a visit to the family physician.

It is impossible in a large province such as this and with only a small staff of nurses, to visit every expectant mother as frequently as we would wish. We, therefore, resort to pre-natal letters sent by mail and endeavor in every way possible to make this service known throughout the country. In 1933, women's organizations were circularized, newspaper announcements were run frequently and the letters were mentioned in radio talks. There were 1,012 of the complete sets of letters sent out, all in response to requests. They were also distributed by nurses in their districts.

Maternity packages were supplied to 3,331 needy mothers, an increase of 47 over the preceding year. The package contains infants' clothing and sterile supplies for use at confinement.

Infant Welfare Service—

Eighty-nine Weighing Centres, Well Baby or Health Centres were conducted by nurses with an attendance of 995 for the year. These centres have not grown in numbers but are developing and have met a need in many districts. They serve as a monthly clearing house for many health problems and have been extended in several places to include school age children. The "Centre" committee, composed of local women, has accepted responsibility in many places for the conduct of home nursing classes and demonstrations, dental clinics and general health activities.

Because of financial conditions no general organization of pre-school examination clinics or conferences was undertaken during 1933. Twenty-eight conferences were held when 532 pre-school age children were examined by medical doctors. All conferences were arranged in response to urgent local request and for the most part were conducted by local doctors.

Office service of post-natal letters and miscellaneous literature on infant and child care has been continued. In response to requests the following material was sent out: "You and Your Baby"—post-natal or infant care pamphlet, 1,584 copies. Miscellaneous literature—diet, habit training, behavior problems, artificial feeding, sun baths, immunization, layette patterns, etc., 897 parcels.

Expressions of appreciation of this service are encouraging. It will be extended in the next year to include material on the pre-school child—the age from one to six years. Appreciation must be expressed to the Canadian Council on Child and Family Welfare for their excellent literature, supplied to us in large quantities and at no cost to us except for transportation.

In the interest of the health of infants, 848 home visits were made by nurses.

TRACHOMA

Under the supervision of a Department of Public Health doctor, public health nurses continued the treatment of trachoma in the Hague-Rosthern, Swift Current and Kayville areas. Treatment centres were used as in the previous year. Daily treatment with a special eye ointment was carried on by the patients themselves, with supervision by the nurse regularly every two weeks and by the doctor once in three months. The people have responded well and have attended treatment centres faithfully. It was possible for the doctor to discharge a good many cases and, because of the close contact of the nurse with the people and the homes, to pick up new cases which had developed. It is interesting to note that very few, if any, new cases have been traced to school contact. The source of infection is apparently in the home.

Special visits were made by nurses to the following districts:—Meadow Lake, Willson Lake, Mullingar. The few cases in each place are kept well supplied with treatment material and are apparently progressing.

Nurses attended at 491 treatment centres, gave 6,258 treatments and made 484 special home visits in connection with trachoma.

IMMUNIZATION

In spite of much educational work very little was accomplished in immunization during the year. The nurses gave assistance at only 14 schools with a report of no vaccinations, 604 children given diphtheria toxoid and 506 scarlet fever serum. The lack of response in this work can be directly traced to financial conditions.

INSTRUCTION IN HOME NURSING

The service of the nurse in home nursing classes has been continued and we believe has been particularly appreciated in the work with juniors. Classes were given to girls in grades eight, nine or ten as a series of four demonstrations and practice periods. This work is included in the grade eight course of study in health and in some cases is given by teachers when nurses are not available. There were 182 classes given by nurses with an attendance of 3,954 girls; a few classes in first aid and camp sanitation were given to boys; 65 classes were given for women with an attendance of 893.

BEDSIDE CARE

At Cumberland House and in the new settler areas north, east and west of Pelly, a bedside care service was maintained throughout the year. This has been carried on at Cumberland House for the past five years but was begun at Pelly only at the close of 1932 as an emergency service. A bedside care program as a part of a generalized public health nursing service presents a problem, unless districts can be very limited as to size. Distances and difficulties of travel, weather and road conditions and lack of medical assistance tend to hamper the work of the nurse. Both nurses engaged in this phase of the work have served faithfully in the interest of the people, who have, we believe, appreciated their efforts. The wisdom of a further development of bedside care with the present size of staff would appear to be doubtful.

A summary of the reports from the two districts follows:

Number of maternity cases attended	23
Number of pre-natal calls	138
Number of bedside care visits	860
Number of office consultations <i>re</i> illness	821

Other nurses of the staff gave bedside care in 23 cases, making the total of such visits 883.

SUMMARY OF SPECIAL WORK

A total of 52 visits was made in connection with tuberculosis cases referred from the Saskatchewan Anti-Tuberculosis League. The calls were requested as a check-up on discharged patients, in an effort to improve home living conditions or to persuade patients to return to the sanatorium for further treatment.

Supervision of nursing homes and private hospitals has been maintained, 57 inspection visits being made.

Educational addresses were given at 100 meetings, chiefly of teachers, women's organizations and community clubs.

A total of 7,417 homes were visited, representing all phases of health effort—pre-natal, infant welfare, pre-school, school, tuberculosis, trachoma, communicable diseases and special cases. Official consultation visits numbered 1,745, including school, municipal and women's organization officials and medical health officers.

Assistance in various phases of relief work was given in every district during the entire year. With two exceptions—North Battleford and Melfort—nurses worked only in relief and new settler areas.

I should like to express appreciation of the splendid spirit in which public health nurses of this division have carried on their work during a difficult year. May I also tender their thanks to all voluntary aid groups, local organizations, teachers, dentists and doctors, who assisted and supported their efforts.

All of which is respectfully submitted.

RUBY M. SIMPSON, REG. N.

Director of Nursing Services.

SUMMARY OF WORK OF PUBLIC HEALTH NURSES

-1933

1. SCHOOL WORK:

	1932	1933
Number of schools visited	495	637
Number of pupils inspected	15,055	22,396
Number of pupils with no apparent defect	3,876	5,085

(a) Inspection of pupils	1932 <i>Signs of defect reported</i>	1933 <i>Signs of defect reported</i>	1932 <i>Corrections reported by teachers</i> (154 reports)	1933 <i>Corrections reported by teachers</i> (287 reports)
Defective vision	1,594	2,124	78	274
Defective hearing	182	257	6	33
Discharging ears .....	.....	.....	40	20
Unhealthy throat	1,875	2,926	54	275
Nasal obstruction	562	909	38	162
Irregular weight gain	1,433	2,588	432	754
Carious teeth	4,766	9,209	431	2,732
Enlarged thyroid	251	371	12	30
Orthopedic defect	63	54	1	6
Skin eruptions	234	360	102	372
Nervous disorders	51	62	3	13
Suspect trachoma	7	24	41	47
Suspect tuberculosis	36	23	2	6
Special cases	140	135	31	92
Dental corrections recorded in dental clinics for which no teacher's report was received				1,571
Immunization of school children previous to visit of nurse:				
Vaccination			5,868	7,688
Diphtheria toxoid			3,859	5,414
(b) Health talks in school.....			831	901
(c) School improvements reported by teachers fol- lowing the recommendation of the public health nurse:				
Lighting			2	17
Ventilation			3	13
Cleanliness			26	51
Desks			11	30
Blackboards			13	33
Water Supply			11	33
Washing facilities			14	38
Toilets			21	38
(d) Special health teaching reported by teachers:				
Health plays			57	101
Records and charts			77	134
Morning inspection			107	181
Junior Red Cross organization			36	51
Posters, books, stories, rhymes			25	32
(e) Health teaching material sent to schools at re- quest of teacher:				
Public Health Act and communicable dis- ease pamphlets			403	981
Posters, plays, stories, rhymes			450	1,250
Miscellaneous (eye test charts, diet lists, growth record charts, etc.)			277	243
(f) Dental clinics:				
Number of clinics held			19	156
Number of children treated			242	2,891
(g) Tonsil and adenoid operations .....			.....	127
(Assistance given by nurse)				

	1932	1933
2. PRE-SCHOOL WORK:		
Number of infant and pre-school health conferences	21	28
Number of children examined by doctor.....	536	532
Number of weighing centers	146	89
Attendance	1,504	995
Pre-school literature sent out:		
Pre-natal letters	1,235	1,012
Post-natal letters	1,930	1,584
Miscellaneous (diet folders, habit training, etc.)	214	897
Number of maternity packages sent out.....	3,284	3,331
3. ASSISTANCE WITH IMMUNIZATION:		
Number of school districts.....	42	14
Number of children vaccinated.....	428	.....
Number of children given diphtheria toxoid.....	1,955	604
Number of children given scarlet fever serum.....	.....	506
4. HOME NURSING CLASSES:		
Senior—Number of classes conducted.....	35	65
Attendance	556	893
Junior—Number of classes conducted	74	182
Attendance	1,461	3,954
5. SPECIAL WORK:		
Number of tuberculosis cases visited in homes.....	48	52
Number of nursing homes inspected.....	21	57
Number of meetings addressed.....	60	100
6. TRACHOMA WORK:		
Number of treatment centers attended.....	1,851	491
Number of treatments given	35,197	6,258
Number of homes visited.....	330	488
7. RELIEF WORK:		
Number of cases of crippled children reported to Junior Red Cross Society and Shriners' Hospital	17	10
Number of cases reported to Canadian National Institute for the Blind.....	21	28
Number of cases reported to municipal council...	67	39
8. BEDSIDE CARE SERVICE:		
Number of maternity cases attended.....	13	23
Number of pre-natal calls made.....	.....	148
Number of bedside care visits.....	666	883
Number of office consultations <i>re</i> illness	349	821
9. SUMMARY OF HOME VISITS:		
Number of homes visited	5,740	7,417
Services represented:		
Pre-natal	234	301
Infant welfare	826	848
Pre-school	1,950	2,087
School	3,573	3,968
Trachoma	330	488
Tuberculosis	71	52
Other communicable disease	120	107
Special cases	533	1,037
10. OFFICIAL CALLS AND CONSULTATIONS:		
Medical Health officers.....	207	363
Municipal officials	508	356
School officials	332	768
Women's organizations	116	258

MATERNITY PACKAGES

During the year 1933 the number of maternity packages sent out to needy expectant mothers was 3,331, an increase of 47 over the previous year. Since this service was instituted the number of layettes sent out was: 1931 (commenced December), 694; 1932, 3,284; 1933, 3,331.

Hospital Report, 1933

ANNUAL REPORT OF GOVERNMENT-AIDED HOSPITALS, 1933.

The following hospitals were added to the list of government-aided hospitals during 1933:

<i>Name of Hospital</i>	<i>Location</i>	<i>Bed capacity</i>	<i>Date of opening</i>
Community	Herbert	12	June 1, 1933
Municipal	Scott	22	July 1, 1933
Women's Missionary Society	Smeaton	12	July 1, 1933
Manitou	Watrous	12	July 1, 1933
Red Cross Outpost	Lucky Lake	6	July 1, 1933
		64	

Melville Municipal hospital was closed and Melville Cottage hospital was opened on May 14, 1933.

This means that, including the three sanatoria, there were 68 government-aided hospitals in operation in 1933. Government grant was also paid to twelve Red Cross hospitals.

Including eleven Red Cross Outposts and the Regina Junior Red Cross hospital, there were 3,961 hospital beds in 1933. This includes 853 beds for tuberculosis and 283 beds for isolation purposes.

There were twenty union hospitals in 1932.

The auspices under which the hospitals are conducted are:

10 Municipal	Hospitals	with	1,231	beds	31.1%
14 Sisters	"	"	1,054	"	26.6%
3 Sanatoria	"	"	713	"	18.0%
20 Union	"	"	461	"	11.7%
12 Community	"	"	163	"	4.1%
4 United Church	"	"	116	"	2.9%
4 Private	"	"	91	"	2.3%
1 V. O. N.	"	"	13	"	0.3%
12 Red Cross	"	"	119	"	3.0%
68 Hospitals (with 12 Red Cross)			3,961	"	100.0%

With a population of 951,000 in 1933, we had one hospital bed for every 240.1 of our people, or 4.2 beds per 1,000 population.

The general hospitals showed an increase of 1,842 patients and 19,197 hospital days over 1932. The sanatoria showed an increase of 301 patients and 1,625 hospital days over 1932. The total increase for all hospitals over 1932 was 2,143 patients and 20,822 hospital days.

The number of patients cared for in all hospitals in 1933 was 57,392 and the number of hospital days was 939,988.

One person in 16.6, or 6 per cent of our population, had hospital treatment in 1933, and every day an average of 157 patients was admitted to our hospitals.

Each patient remained in hospital for an average of 12.8 days (excluding sanatoria). The average days stay in union hospitals was 12.3. In sanatoria the length of treatment of the active tuberculosis was 11.4 months in 1933 as compared with 10.29 months in 1932.

Every day in 1933 there was an average of 2,575.3 patients in our hospitals. This is an increase of 63.9 over the 1932 daily average.

Each bed accommodated for the year an average of 14.5 patients and an average of 65 per cent. of the bed capacity was occupied daily.

The three sanatoria, Fort Qu'Appelle, Prince Albert and Saskatoon, cared for 2,060 tuberculous patients, 1,712 being pulmonary and 348 being other forms of the disease. Of these, 440 were treated for at least part of the time in other hospitals.

There were fifteen training schools for nurses in 1933. From these 177 nurses graduated during the year, and 520 pupil nurses were in training. Four of these hospitals having training schools had affiliation with other hospitals for the training of their pupil nurses. In 1932, 176 nurses graduated and 549 nurses were in training; 359 of the graduates employed in hospitals, or 82.3 per cent. of the total, had their Saskatchewan registration.

In all the hospitals 436 graduate nurses were employed. Ten hospitals employed a full-time dietitian and four had a dietitian for a part of the year. In 1932, 430 nurses were employed.

In twenty-six hospitals pasteurized milk only is being used. In some of the other hospitals this is not available.

Twenty-five hospitals have some kind of liability insurance.

Fifty-five hospitals do the laundry in the institution and thirteen send it out.

Hospital internes are employed in eight hospitals.

In 1933, 5,845 maternity cases were cared for in the hospitals as compared with 5,876 cases in 1932. This is a decrease of 31 from 1932. In the same period the living births for the whole province decreased by 669.

Maternity cases comprised 10.2 per cent. of the total admissions. Of the maternity cases treated in hospital, 1,484 cases were cared for in the twenty union hospitals. This means that 25.4 per cent. of the total maternity cases were cared for in the union hospitals, although the union hospitals had only 11.7 per cent. of the total bed capacity.

Maternity cases comprised 13.6 per cent. of the 10,924 patients admitted to the union hospitals; 35.8 per cent of the cases in union hospitals were operative.

With 5,699 living births in the hospitals there were 26 maternal deaths. This is a maternal death rate of 4.6 per 1,000 living births, which is also the rate for the whole province.

The total number of living births in Saskatchewan in 1933 was 20,145, so that one in every 3.5, or 28.3 per cent of the total births, took place in a government-aided hospital.

In all hospitals, 21,233 cases, or 37 per cent. of the total, were operative.

There were 15,537 anaesthetics administered, from which three deaths resulted.

One hundred and seventy-two autopsies were performed; 24 medical, 44 surgical, and 26 obstetrical infections developed in the hospitals.

In 1933, 324 cases of communicable diseases other than tuberculosis were treated in the isolation hospitals. Among the other cases treated in hospital, there were 287 cases of goitre, 662 cases of cancer and 234 cases of venereal disease.

The number of laboratory examinations made in 1933 was 143,968, an increase of 31,204, or 27.2 per cent. over 1932.

There were 27,761 X-ray examinations made in 1933. This is an increase of 2,862, or 11.5 per cent over 1932.

In 1933 there were 8,101 Wassermann blood tests made on hospital patients, an increase of 2,528, or 45.4 per cent over 1932. This means that Wassermann tests were made on 14.1 per cent. of the patients admitted.

The death rate in our hospitals was 3.2 per cent. of the total admissions as compared with 3.6 per cent. in 1932.

The value of buildings and equipment, as estimated by the auditors at the end of 1933, was \$9,012,115.58, a decrease of \$554,091.68 from 1932. This means that the depreciation as shown by the auditors was greater than the value of the hospitals added to the list of government-aided hospitals in 1933.

The earnings of all hospitals amounted to \$2,924,359.81, of which \$2,044,725.94 were patients' fees and \$605,248.50 was paid by the provincial government in the form of hospital grants. The provincial government paid grants at the rate of \$1,658.22 per day, which is equivalent to \$10.55 for each patient admitted in 1933.

In the case of the sanatoria the government grant amounted to \$285,529.00 and was equivalent to \$50.53 for each patient admitted.

In January, 1933, the Saskatchewan Relief Commission agreed to pay a grant to hospitals on account of patients residing in the relief area. This area consisted of 56 rural municipalities and eight local improvement districts with the villages and towns situated in this area. The grant was at the rate of 25 cents per patient per day and was for the period of January 1 to April 30, both dates inclusive. The Relief Commission also paid the hospital accounts for patients from the relief camps at the rate of \$2.00 per day. The amount of the grant for this period was \$9,262.50.

In November, 1933, the Relief Commission agreed to pay a grant to hospitals on account of patients from the relief area. The relief area as now defined

consisted of 75 rural municipalities and local improvement districts in "A" area and 103 rural municipalities and local improvement districts in "B" area. The grant was at the rate of 40 cents per patient per day for those patients who resided in "A" area and 20 cents per patient per day for patients from "B" area. They also agreed to pay 20 cents per patient per day for those patients who since 1931 moved from the drought area to the northern part of the province. The above areas include villages and towns within the relief area, but not city patients.

This grant was to be from November 1, 1933, to April 30, 1934, or until the hospitals were notified that it was to be discontinued.

The amount of grant earned in November and December, 1933, was \$8,604.40 and the total relief grant for 1933, including hospitalization of patients from the relief camps, was \$17,866.90.

The total operating expenditure was \$2,277,582.17. Fixed charges were \$272,110.78 and capital expenditure \$24,879.70.

The average cost per patient per day for all hospitals was \$2.42 as compared with \$2.67 in 1932. This was the lowest cost per patient per day since 1915. In the union hospitals the cost per patient per day was \$2.23 as compared with \$2.53 in 1932. In sanatoria the cost was \$2.30 as compared with \$2.43 in 1932.

The highest operating cost was Canora, where the cost per day was \$4.11 The next highest was Gravelbourg with \$4.10 per day. Twelve hospitals had an operating cost below \$2.00 per day. They were Central Butte \$1.97, Lloydminster \$1.96, Milden \$1.88, Tuxford \$1.86, Wadena \$1.76, Prince Albert Holy Family \$1.70, Lampman \$1.69, Tisdale \$1.65, Kincaid \$1.63, Rouleau \$1.60, Wakaw \$1.60, and Biggar \$1.24. The operating cost of the three sanatoria was \$2.30 and for the other hospitals, omitting the sanatoria, \$2.49.

The average cost per bed per day for maintenance was \$2.21. The average cost of laundry per bed for the 56 hospitals reporting laundry costs was \$24.52. The secretary treasurer is bonded in 33 hospitals.

The schedule of charges varies as shown below:

Private ward	\$2.00 to \$7.00
Semi-private ward	2.00 to 4.50
Public ward	1.25 to 4.00
Case room	3.00 to 10.00
Operating room .....	.50 to 15.00
X-ray	1.00 to 25.00
Isolation	1.50 to 5.00
Laboratory .....	.50 to 5.00

The average operating costs were apportioned as follows:

	<i>All Hospitals</i>					<i>Union Hospitals</i>				
	1929	1930	1931	1932	1933	1929	1930	1931	1932	1933
For salaries.....	37%	40%	39%	40%	40%	45%	48%	47%	46%	42%
Food and provisions....	22	21	20	18	19	21	20	19	18	18
Power, light, fuel.....	11	12	12	13	13	11	11	12	12	14
Medical and surgical supplies	11	8	7	8	8	8	8	7	8	9
Laundry	3	3	3	3	3	3	3	3	2	3
Upkeep of grounds, buildings, etc.	6	5	10	9	9	4	3	5	6	5
Miscellaneous expenses	10	11	9	9	8	8	7	7	8	9

The hospitals over 50 beds approved by the American College of Surgeons in 1933 were: The three sanatoria, Regina City and Grey Nuns Hospitals, Saskatoon City and St. Paul's Hospitals, Moose Jaw City and Providence Hospitals, Prince Albert City and Holy Family Hospitals, North Battleford, Canora, Humboldt, Macklin and Tisdale Hospitals.

TABLE VIII—COMPARATIVE STATEMENT OF EARNINGS AND EXPENDITURES OF UNION HOSPITALS, 1933.

Hospitals	No. of beds	No. of patients	No. of hospital days	Earnings	Expenditure			Total expendi- tures	Cost per patient per day	Amount in excess of average operating cost	Amount below average operating cost
					Operating	Mainten- ance	Adminis- tration				
Arcola Brock...	12	283	3,279	\$ 16,190.14	\$ 5,737.08	\$ 73.95	\$ 1,000.27	\$ 6,811.30	\$2.08	\$	\$ 500.87
Assiniboia	16	620	5,157	25,206.10	9,967.24	533.19	1,215.03	11,715.46	2.27	215.35	.....
Cabri	14	365	4,085	17,422.33	8,128.45	442.39	1,268.59	9,839.43	2.41	729.88	.....
Davidson	14	240	2,351	7,177.10	5,145.03	316.50	399.45	5,860.98	2.49	618.25	.....
Eatonia	12	306	4,012	9,621.10	7,601.21	483.60	697.16	8,781.97	2.19	.....	164.79
Edam	15	285	4,311	12,014.16	9,934.47	800.74	806.37	11,541.58	2.68	1,928.05	.....
Eston	30	575	6,567	21,086.18	13,363.60	1,475.69	3,694.31	18,533.60	2.82	3,889.19	.....
Gull Lake	14	352	3,543	18,592.87	6,775.55	148.97	844.62	7,769.14	2.19	.....	131.75
Indian Head ...	22	435	4,856	20,144.63	11,675.00	147.00	1,074.92	12,896.92	2.66	2,068.04	.....
Kerobert	30	851	11,123	30,195.82	21,120.97	806.59	1,510.32	23,437.88	2.11	.....	.....
Kindersley	30	873	10,387	33,774.13	19,252.26	1,066.87	2,719.76	23,038.89	2.22	.....	1,366.41
Lampman	12	371	3,881	9,359.43	5,717.81	167.72	694.03	6,579.56	1.69	.....	124.12
Lashburn	21	591	8,275	20,368.51	14,617.51	770.90	1,911.27	17,299.68	2.09	.....	2,075.07
Lloydminster ..	42	1,193	15,933	42,975.37	26,566.68	1,956.38	2,642.58	31,165.64	1.96	.....	1,153.57
Rosetown	45	894	13,571	42,409.85	23,727.17	1,917.93	3,276.08	28,921.18	2.12	.....	4,364.95
Shaunavon	32	773	9,755	38,265.13	20,107.72	1,323.27	4,218.02	25,649.01	2.63	.....	1,342.15
Unity	40	475	5,643	27,212.66	12,019.46	1,056.12	2,507.53	15,583.11	2.76	3,895.36	.....
Vanguard	14	332	3,094	14,710.15	5,415.29	138.30	923.71	6,477.30	2.09	2,999.22	422.32
Wadena	26	651	9,661	16,954.61	14,212.13	1,200.89	1,659.23	17,072.25	1.76	.....	4,771.78
Wilkie	20	459	4,691	14,655.41	8,784.57	1,018.77	882.24	10,685.58	2.26	224.65	.....
Total	461	10,924	134,175	\$438,335.68	\$249,869.20	\$15,845.77	\$33,945.49	\$299,660.46	.....	.....	.....
Average	23	546	6,709	21,916.78	12,493.46	\$ 792.29	\$ 1,697.27	\$ 14,983.02	\$2.23	.....	.....

H. TABLE I—NURSING STATISTICS FOR SASKATCHEWAN HOSPITALS, 1933.

Hospitals	Bed Capacity			Number of patients treated	Total number of Hospital days	Average days' stay in hospital	Average number of patients in hospital daily	Number of doctors practising in hospital	Medical staff	Staff meetings	Internes	Nursing Staff				Nurses' training school	Number of nurses graduating during the year	Affiliation with other hospitals for nurses' training	Dietitian	Liability insurance	Is secretary treasurer bonded?	Has hospital a separate nurses' home?	Is laundry done in hospital or sent out?	Have you by-laws and regulations governing hospital?	Outpatient department	Number of outpatients
	General	Isolation	Tuberculosis									Total														
Arcola, Brock Union.....	12	...	...	12	3,279	11.7	9.0	4	...	...	...	3	...	...	1	...	...	...	...	...	Yes	Yes	In	...	...
Assiniboia, Union	16	...	...	16	5,157	8.3	14.1	3	...	...	...	5	...	...	...	...	...	...	...	...	...	...	In	...	...
Biggar, St. Margaret's..	27	7	2	36	5,418	10.9	14.8	3	Yes	5	...	4	...	...	8	...	...	...	...	...	...	...	In	Yes	...
Cabri, Union	14	...	...	14	4,085	11.2	11.2	3	...	...	...	3	...	...	1	...	...	...	...	...	...	...	In	Yes	...
Canora, H.W. Memorial	46	4	...	50	3,857	8.0	10.6	3	Yes	11	...	...	...	...	4	...	...	...	...	Yes	...	Out	Yes	...	...
Central Butte, Victorian	11	2	...	13	1,525	12.3	4.2	1	...	...	...	2	...	...	...	...	...	...	...	...	Yes	Out	Yes	...	...
Cudworth, St. Michael's	20	4	2	26	2,585	9.9	7.1	4	Yes	5	...	...	...	...	2	...	...	...	...	...	...	In	...	...	...
Davidson, Union	12	1	1	14	2,351	9.8	6.4	3	Yes	11	...	...	...	...	1	...	...	...	...	...	...	Out	Yes	...	...
Doddsland, Association ..	25	...	...	25	4,909	16.0	13.4	1	...	...	...	2	...	...	3	...	...	...	...	...	Yes	Out	Yes	...	...
Eatonland, Association ..	10	2	...	12	4,012	13.1	11.0	1	...	...	...	2	...	...	4	...	...	...	...	...	Yes	Out	Yes	...	...
Eatonia, Union	15	...	...	15	4,311	15.1	11.8	1	...	...	...	4	...	...	...	...	...	...	...	...	...	In	Yes	...	...
Edam, Union	15	...	...	15	285	4,311	11.8	1	...	...	...	...	...	...	...	...	...	...	...	...	...	In	Yes	...	...
Elrose, Community	8	2	...	10	1,268	7.2	3.5	1	...	...	...	2	...	...	1	...	...	...	...	...	...	In	Yes	...	...
Estevan	38	...	...	38	4,538	7.8	12.4	4	Yes	12	...	...	9	...	...	...	...	...	...	Yes	...	Out	Yes	...	...
Eston, Union	25	3	2	30	6,567	11.4	18.0	2	Yes	1	...	...	...	...	3	...	...	...	...	...	...	Out	Yes	...	...
Frontier, Community	12	...	...	12	1,167	10.4	3.2	2	...	...	...	...	...	...	1	...	...	...	...	...	...	In	Yes	...	...
Gravelbourg, St. Joseph's	39	3	8	50	4,117	11.8	11.2	4	...	...	...	6	...	...	4	...	...	...	...	...	...	In	Yes	...	...
Gull Lake, Union.....	12	2	...	14	3,543	10.1	9.7	2	Yes	10	...	...	...	...	1	...	...	...	...	...	Yes	In	Yes	...	...
Hafford	26	3	...	29	4,182	10.0	11.5	1	...	...	...	3	...	...	...	...	...	...	...	...	...	In	...	...	...
Herbert, Community	10	2	...	12	1,051	11.4	4.9	2	...	...	...	...	...	...	1	...	...	...	...	...	...	In	...	...	...
Humboldt, St. Elizabeth's	55	8	5	68	15,100	10.3	41.4	8	Yes	4	...	...	13	...	2	7	...	...	P.T.	Yes	...	In	Yes	...	...
Indian Head, Union.....	20	2	...	22	4,856	11.2	13.3	2	...	...	...	6	...	...	...	...	...	...	...	Yes	...	In	Yes	...	...
Ile a la Crosse.....	20	...	5	25	2,112	11.6	5.5	1	...	...	...	2	...	...	...	...	...	...	...	...	...	Out	Yes	...	...
Kamsack	12	3	1	16	2,373	7.7	6.5	3	Yes	2	...	...	...	...	2	...	...	...	...	...	...	In	...	...	...
KerRobert, Union	27	3	...	30	851	13.1	30.5	4	...	...	...	3	...	...	...	...	...	...	...	...	...	Out	...	...	...
Kincaid, Community	10	1	1	12	2,451	6.8	6.7	2	...	...	...	6	...	...	1	...	...	...	...	...	...	In	...	...	...
Kindersley, Union	24	6	...	30	10,387	11.9	28.5	4	...	...	...	8	...	...	...	...	...	...	...	...	...	In	...	...	...
Lampman, Union	11	...	1	12	3,881	10.5	10.6	1	...	...	...	3	...	...	2	...	...	...	...	...	...	In	...	...	...
Lashburn, Union	18	1	2	21	8,275	14.0	22.7	2	Yes	8	...	...	...	...	...	...	...	...	...	...	...	In	...	...	...
Lloydminster, Union	38	2	2	42	15,933	13.4	43.7	4	Yes	12	...	...	...	...	1	...	...	...	...	...	...	In	...	...	...
Macklin, St. Joseph's....	36	4	2	42	7,540	9.9	20.7	5	Yes	4	...	...	4	...	...	...	...	...	...	...	...	Out	Yes	...	...
Maple Creek, General....	23	3	1	27	5,034	10.6	13.8	2	Yes	12	...	...	...	...	2	2	...	...	...	...	...	In	Yes	...	...
Melfort, Lady Minto	20	6	1	27	6,365	10.3	17.4	4	...	...	...	2	...	...	...	...	...	...	...	...	...	In	Yes	...	...
Melville	10	...	...	10	1,650	8.4	4.2	5	...	...	...	...	...	...	3	...	...	...	...	...	...	In	Yes	...	...
Milden, Community	13	...	...	13	2,668	7.4	7.3	4	Yes	10	...	...	...	...	2	...	...	...	...	...	...	In	Yes	...	...

Moose Jaw, General.....	141	24	15	180	2,587	39,265	15.2	107.6	22	Yes	10	2	16	46	3	...	Yes	13	...	F.T.	...	Yes	Yes	Out	Yes	4			
Moose Jaw, Providence..	78	...	20	98	893	9,318	10.4	25.5	21	Yes	10	1	12	30	2	3	...	Yes	6	P.T.	Yes	In	Yes	...			
Moosomin, General	14	14	308	3,692	12.0	10.1	10	Yes	6	...	4	...	1	2	Yes	In			
Nokomis, Cottage	12	3	...	15	171	1,560	9.1	4.3	2	2	...	1	In	Yes			
N. Battleford Notre Dame	57	...	3	60	1,360	15,021	11.1	41.2	10	Yes	3	...	7	...	3	18	Yes	...	In	Yes			
Oxbow, Community	9	1	...	10	192	1,716	8.9	4.7	3	3	...	1	1	Out	Yes			
Ponteix, Gabriel	27	3	...	30	201	1,754	8.7	4.8	2	3	...	1	5	In			
Pr. Albert, Holy Family ..	82	...	10	92	2,166	33,981	15.7	93.1	13	Yes	5	...	16	30	6	15	...	Yes	3	P.T.	...	...	In	Yes	827		
Prince Albert, Victoria..	68	25	...	93	1,057	13,536	12.8	37.1	10	...	...	1	7	18	1	...	Yes	7	...	...	Yes	Yes	Out	Yes	295
Regina, General	356	30	24	410	6,286	84,954	13.5	232.8	60	Yes	12	7	20	93	13	...	Yes	36	2 F.T.	...	Yes	Yes	In	Yes	...				
Regina, Grey Nuns	185	10	25	220	2,582	32,286	12.5	88.5	54	Yes	10	2	16	55	4	...	Yes	25	F.T.	...	...	Yes	In	Yes	...		
Rosetown, Union	44	1	...	45	894	13,571	15.2	37.2	4	...	...	...	11	...	...	...	Yes	...	...	...	Yes	Yes	In	Yes	...
Rosthern, St. John's.....	19	1	...	20	436	2,761	6.3	7.6	3	Yes	2	...	2	...	1	3	...	...	...	...	...	...	In	...	...		
Rouleau, Community	9	1	...	10	121	1,203	9.9	3.3	4	...	...	...	2	...	1	1	...	...	...	...	...	...	In	Yes	...
Saskatoon, City	278	26	...	304	4,386	73,031	16.7	200.1	54	Yes	10	4	29	90	7	...	Yes	30	F.T.	...	Yes	Yes	In	Yes	808				
Saskatoon, St. Paul's....	210	25	...	235	3,603	54,523	15.1	149.3	57	Yes	8	5	18	94	34	24	Yes	29	F.T.	...	...	Yes	In	Yes	...		
Seott, Municipal	18	2	2	22	111	1,021	9.2	5.5	4	Yes	3	...	2	...	1	2	...	...	...	...	...	Yes	In	Yes	...
Smeaton	12	...	...	12	80	794	9.9	4.3	1	...	...	...	2	...	...	2	...	...	...	...	...	...	In	Yes	...
Shaunavon, Union	26	6	...	32	773	9,755	12.6	26.7	3	...	...	...	8	...	2	4	...	...	...	...	Yes	...	In	Yes	...
Swift Current, General..	37	12	4	53	835	9,105	10.9	24.9	6	...	8	...	9	9	...	...	Yes	...	...	...	Yes	Yes	In	Yes	...
Tisdale, St. Therese.....	48	4	...	52	873	10,445	12.0	28.6	3	Yes	12	...	5	...	1	14	...	...	F.T.	...	...	Yes	Out	Yes	...
Tuxford, Community	10	...	...	10	83	1,028	12.4	2.8	1	...	...	...	2	...	...	1	...	...	...	...	...	...	In	Yes	...
Unity, Union	35	5	...	40	475	5,643	11.9	15.5	5	...	...	...	5	...	...	...	Yes	...	...	...	Yes	Yes	In	Yes	...
Vanguard, Union	12	2	...	14	332	3,094	9.3	8.5	1	...	...	...	3	...	...	...	Yes	...	...	...	Yes	...	Out	...	...		
Wadena, Union	24	2	...	26	651	9,661	14.8	26.5	2	Yes	1	...	8	...	2	...	...	...	...	...	...	...	In	...	...		
Wakaw, Anna Turnbull..	19	3	3	25	582	5,508	9.5	15.1	2	...	...	...	4	...	...	5	...	...	...	...	...	...	In	...	Yes
Watrous, Manitou	12	...	...	12	99	1,073	10.8	5.8	4	Yes	6	...	3	...	...	1	...	...	...	...	...	...	Out	...	Yes
Weyburn, General	46	...	4	50	688	7,533	10.9	20.6	8	Yes	7	...	3	11	1	...	Yes	5	...	...	Yes	...	In	Yes	...		
Wilkie, Union	20	...	...	20	459	4,691	10.2	12.9	3	...	...	...	3	...	...	...	...	...	...	...	...	...	In	Yes	...
Willow Bunch, Pasteur..	18	2	2	22	51	246	4.8	4.0	2	...	...	...	2	...	1	2	...	...	...	P.T.	...	...	In	...	...		
Yorkton, Queen Victoria	65	13	...	78	844	9,657	11.4	26.5	7	Yes	9	...	3	14	2	6	...	Yes	5	...	Yes	...	In	...	...		
Fort Qu'Appelle San.....	...	6	304	310	2,102	131,076	62.4	359.2	6	Yes	12	...	18	...	...	25	...	...	F.T.	...	Yes	Yes	In	Yes	...
Prince Albert San.....	...	2	236	238	1,392	86,889	62.4	238.1	4	Yes	12	3	18	...	...	14	...	...	F.T.	...	Yes	Yes	In	Yes	...
Saskatoon San .....	...	...	165	165	2,156	67,564	31.3	185.1	3	Yes	10	...	13	...	4	18	...	...	F.T.	...	Yes	Yes	In	Yes	...
Regina Junior Red Cross	28	...	...	28	189	6,739	35.7	18.5	60	...	...	...	3	...	1	2	...	...	...	...	Yes	...	In	...	...		
Red Cross Outposts	91	...	...	91	1,924	18,624	9.7	51.0	15	...	...	...	20	...	...	1	Yes	...	...	...	Yes	...	In	...	...		
										34	263	25	436	520	118	231	15	177	4	11 full time	25	33	32	57 in	10	2,229			

Herbert Community Hospital added to list as from June 1, 1933.
Scott Municipal Hospital added to list as from July 1, 1933.
Smeaton Hospital added to list as from July 1, 1933.
Watrous Manitou Hospital added to list as from July 1, 1933.
Lucky Lake Red Cross Outpost Hospital added to list as from July 1, 1933.
Melville Municipal Hospital closed and Cottage Hospital opened May 14, 1933.

Lloydminster Hospital includes Saskatchewan patients 560, Alberta patients 633 ;
Saskatchewan hospital days 6,815, Alberta hospital days 9,118.
Melville includes patients and hospital days for Municipal and Cottage Hospitals.
Regina General includes 168 patients, 6,003 hospital days for psychopathic ward.

H. TABLE II—NURSING STATISTICS FOR SASKATCHEWAN HOSPITALS, 1933.

Hospitals	Number of maternity cases cared for	Percentage of maternity cases to total number of admissions	Number of living births	Number of multiple births	Percentage of living births to number of cases	Number of Abortions		Tuberculosis			Number of communicable disease cases treated except typhoid and T.B.	Number of typhoid cases treated	Number of cases treated in isolation hospital	Number of cardiac disease cases treated	Number of cases of rheumatism treated	Number of cases of cancer treated	Number of cases of goitre treated	Number of cases of venereal disease treated	Surgical Operations					Total	
						Operative	Non-operative	Pulmonary	Other forms	Total									Abdominal	Gynecological, not including curettages	Curettages	Amputations	General		
Arcola, Brock Union	26	9.2	26	...	100.	22	1	6	...	2	50	2	4	4	70	130
Assiniboia, Union	63	10.2	63	2	96.9	22	...	...	...	...	1	...	...	11	4	4	3	...	141	18	34	4	121	318
Biggar, St. Margaret's..	38	7.7	35	...	92.1	...	3	3	1	4	1	1	4	4	16	4	...	...	9	2	3	4	73	91
Cabri, Union	30	8.2	30	...	100.	10	2	1	1	2	21	...	...	10	3	3	...	...	47	5	10	1	174	237
Canora, H. Waddell Memorial	49	10.1	45	...	91.8	2	4	4	2	6	18	1	3	10	4	4	2	1	54	5	3	8	112	182	
Central Butte, Victorian	37	29.8	37	3	94.9	4	...	...	...	...	...	...	...	3	...	...	...	...	5	...	4	1	5	15
Cudworth, St. Michael's	32	12.3	30	...	93.4	1	1	1	...	1	6	...	6	4	...	2	...	...	19	1	4	4	48	76
Davidson, Union	39	16.3	39	...	100.	...	2	...	...	...	...	...	...	1	...	3	...	...	29	4	2	4	81	120
Doddsland, Association	63	20.6	61	1	95.3	...	3	...	...	...	1	1	1	3	4	3	...	...	40	...	1	...	57	98
Eatonia, Union	49	12.7	46	...	93.9	...	2	...	...	...	...	...	...	4	10	2	...	...	4	...	4	...	20	28
Edam Union	63	22.1	63	1	98.4	1	2	...	...	...	...	...	...	1	2	...	...	1	30	1	1	2	5	39
Elrose, Community	18	11.6	18	...	100.	1	...	...	1	1	4	...	5	1	1	...	...	...	9	1	1	1	33	45
Estevan	54	9.3	54	2	96.4	23	2	...	...	4	...	1	1	4	...	5	...	...	72	20	10	3	155	260
Eston, Union	62	10.8	59	...	95.2	2	...	1	3	4	5	4	2	8	...	2	...	...	39	9	12	3	101	164
Frontier, Community	18	16.1	14	2	70.0	...	...	...	...	...	...	1	...	5	3	...	...	...	26	1	...	1	46	74
Gravelbourg, St. Joseph's	28	8.0	29	2	96.7	5	1	...	...	...	7	1	3	5	7	3	...	...	63	12	5	...	64	144
Gull Lake, Union	60	17.0	59	...	98.3	...	9	...	...	...	...	...	...	3	...	2	...	...	52	3	...	2	80	137
Hafford	50	11.9	49	2	94.2	10	3	1	1	2	8	1	1	4	2	9	4	1	49	8	13	...	59	129	
Herbert, Community	9	9.8	9	...	100.	...	5	...	...	...	...	...	...	4	...	2	...	...	17	2	6	...	10	35
Humboldt, St. Elizabeth's	129	8.8	130	4	97.7	10	8	8	3	11	74	6	8	14	18	1	3	2	128	19	14	9	211	381	
Indian Head, Union	46	10.6	46	1	97.9	...	2	...	1	1	3	2	4	4	2	3	5	...	137	4	4	2	108	255	
Ile a la Crosse	29	16.0	29	...	100.	...	...	4	9	13	38	...	...	6	5	...	1	4	...	...	...	1	20	21
Kamsack	34	11.0	34	...	100.	7	5	...	...	...	...	2	...	3	4	3	...	...	38	4	7	2	80	131
Kerrobert, Union	129	15.2	125	1	96.2	8	5	1	1	2	4	...	5	10	12	5	1	2	118	18	29	7	172	344	
Kincaid, Community	31	8.6	32	3	94.1	...	1	...	...	...	...	1	...	...	...	...	...	...	61	6	2	...	63	132
Kindersley, Union	81	9.3	79	1	96.3	...	4	...	...	...	4	...	4	7	4	...	...	...	164	...	3	...	147	314
Lampman, Union	62	16.7	62	...	100.	...	3	2	...	2	...	...	...	3	1	1	...	...	37	1	4	2	48	92
Lashburn, Union	87	14.7	87	1	98.9	...	5	...	...	...	...	1	...	7	5	...	1	...	25	8	5	2	27	67
Lloydminster, Union	195	16.3	190	1	96.4	6	...	...	3	3	3	3	4	26	9	3	...	...	95	12	12	3	156	278
Macklin, St. Joseph's...	98	12.9	99	2	99.0	6	4	2	...	2	18	2	7	23	7	6	2	1	51	14	8	2	138	213	
Maple Creek, General	74	15.6	78	4	100.	14	4	4	...	4	2	1	3	11	7	3	...	...	62	10	16	5	124	217
Melfort, Lady Minto	55	8.9	56	2	98.2	7	5	...	...	...	2	1	2	3	2	2	...	...	122	8	17	6	141	294
Melville	23	11.7	21	...	91.3	13	...	...	...	...	1	...	...	1	...	...	...	...	25	...	13	1	50	89
Milden, Community	31	8.6	29	...	96.7	1	3	...	...	...	...	1	...	10	2	...	...	...	24	6	1	2	60	93

Moose Jaw, General	306	11.8	305	4	98.4	8	47	26	4	30	104	3	12	39	53	25	2	40	218	61	68	13	810	1,170
Moose Jaw, Providence..	92	10.3	92	1	98.9	1	3	49	14	63	---	---	---	7	---	8	---	5	83	18	9	2	124	236
Moosomin, General	23	7.5	20	---	87.0	2	13	---	---	---	---	---	---	7	---	4	2	---	116	---	14	4	50	184
Nokomis, Cottage	20	11.6	18	---	90.0	4	---	---	---	---	---	---	---	3	2	1	---	1	28	1	4	1	48	82
North Battleford, Notre Dame	188	13.8	186	3	97.4	---	9	5	5	10	4	5	---	14	6	5	3	2	186	22	12	2	229	451
Oxbow, Community	25	13.0	25	---	100.	---	---	---	---	---	---	---	---	1	---	5	---	---	25	3	---	1	31	60
Ponteix, Gabriel	30	14.9	33	3	100.	---	---	---	---	---	---	3	---	1	---	1	---	---	21	---	3	2	43	69
Prince Albert, Holy Family	155	7.2	148	2	94.3	4	2	4	1	5	12	3	2	14	12	21	3	6	314	11	47	1	329	702
Prince Albert, Victoria..	147	13.9	142	2	95.3	6	8	1	---	1	24	1	24	13	5	6	6	1	86	33	19	9	192	339
Regina, General	539	8.6	523	2	96.7	157	61	128	30	158	255	8	72	95	20	247	44	35	1,033	536	357	43	1,781	3,750
Regina, Grey Nuns'	299	11.2	289	5	95.1	12	19	6	14	20	7	4	7	38	9	16	10	2	317	93	57	9	885	1,361
Rosetown, Union	124	13.9	122	1	97.6	22	7	5	---	5	8	---	1	8	12	2	---	5	93	7	29	1	158	288
Rosthern, St. John's	36	8.3	35	---	97.2	5	1	1	1	2	---	1	---	5	---	---	2	1	44	---	4	2	143	193
Rouleau, Community	28	23.0	26	1	90.0	5	---	---	1	1	---	1	---	---	---	1	---	---	22	4	5	1	31	63
Saskatoon, City	327	7.5	315	1	96.0	71	28	7	10	17	74	4	113	77	64	164	45	35	629	122	106	31	1,068	1,956
Saskatoon, St. Paul's...	228	6.3	217	3	95.2	32	19	23	15	38	7	3	7	52	23	21	102	35	653	115	35	17	948	1,768
Scott, Municipal	24	21.6	22	---	91.7	---	3	---	---	---	---	---	---	1	5	---	1	---	5	1	---	1	19	26
Smeaton	22	27.5	22	---	100.	---	---	---	---	---	---	---	---	---	1	---	1	---	---	---	---	---	9	9
Shanavon, Union	87	11.3	81	1	92.0	23	2	---	---	---	2	2	2	3	5	6	4	2	187	56	61	2	98	404
Swift Current, General..	92	11.0	92	---	100.	18	7	1	1	2	2	1	7	22	8	4	7	5	141	30	12	1	122	306
Tisdale, St. Therese	103	11.8	100	2	97.0	24	1	---	3	3	3	6	3	6	9	1	1	3	101	37	26	4	162	330
Tuxford, Community	7	8.4	7	---	100.	1	---	---	---	---	---	---	---	1	---	---	---	---	26	---	1	---	27	54
Unity, Union	67	14.1	63	1	94.0	17	---	---	---	---	---	---	---	---	3	2	1	---	65	7	17	2	73	164
Vanguard, Union	50	15.1	49	---	98.0	10	3	---	---	---	1	---	1	10	---	1	4	---	27	12	1	---	70	110
Wadena, Union	82	12.6	79	---	96.3	---	14	5	3	8	2	1	---	8	5	5	1	---	129	13	12	3	117	274
Wakaw, Anna Turnbull..	94	16.2	91	---	96.8	14	1	1	1	2	6	1	---	4	---	1	---	4	35	6	14	3	102	160
Watrous, Manitou	10	10.1	10	---	100.	---	2	---	---	---	---	1	---	3	---	3	---	---	27	2	1	2	13	45
Weyburn, General	76	11.0	70	---	92.1	2	1	1	---	1	2	3	---	8	1	3	---	2	166	54	39	3	115	377
Wilkie, Union	83	18.1	79	---	95.2	---	12	1	---	1	---	---	---	---	---	1	---	1	95	7	---	2	41	145
Willow Bunch, Pasteur..	1	2.0	1	---	100.	---	---	---	---	---	2	---	---	---	2	---	---	---	1	---	---	---	39	40
Yorkton, Queen Victoria	85	10.1	82	3	93.2	1	3	6	---	6	4	---	13	14	7	11	5	2	163	42	15	11	156	387
Fort Qu'Appelle, Sanatorium	3	0.1	3	---	100.	1	---	545	144	689	---	---	---	11	1	3	9	2	---	---	---	---	25	25
Prince Albert, Sanatorium	---	---	---	---	---	---	---	695	97	792	---	---	---	15	1	2	1	1	---	---	---	---	59	59
Saskatoon, Sanatorium	1	0.1	1	---	100.	2	---	472	107	579	10	---	---	27	---	9	7	10	---	1	2	1	66	70
Regina, Junior Red Cross	---	---	---	---	---	---	---	---	1	1	---	---	---	---	---	1	---	1	---	---	---	---	19	19
Red Cross Outposts	499	25.9	488	8	96.3	27	14	6	2	8	25	2	---	28	16	4	2	7	55	6	32	5	216	314
	5,845	10.2	5,699	78	96.2	622	375	2,020	480	2,500	777	85	324	754	408	662	287	234	6,933	1,504	1,254	265	11,277	21,233

H. TABLE III—NURSING STATISTICS FOR SASKATCHEWAN HOSPITALS, 1933.

Hospitals	Number of general anaesthetics given	Number of autopsies held	Number of laboratory examinations	Number of X-ray examinations	Number of Wassermanns taken	Pasteurized milk supply	Water supply tested bacteriologically	Infections developed in hospital				Obstetrical				Deaths							
								Medical	Surgical	Obstetrical	Total	Mother	Newborn	Stillborn	Premature	Number of deaths from anaesthetics	Number of deaths from communicable disease	Number of deaths from cancer	Number of deaths within 10 days from surgical operation	Percentage of deaths from operations to total number of operations	Percentage of total deaths to total admissions	Number of deaths within 48 hours after admission	Total deaths
Arcola, Brock Union	137	...	271	95	2	...	Yes	1	5	...	6	...	3	2	...	...	...	2	4.9	2	14
Assiniboia, Union	304	...	150	...	6	...	Yes	...	...	...	...	...	2	2	...	...	...	1	4.0	7	25
Biggar, St. Margaret's	81	...	187	68	4	Yes	Yes	...	...	...	...	...	3	4	...	...	...	2	2.2	4	11
Cabri, Union	145	2	900	152	2	...	Yes	...	2	...	2	...	...	1	...	...	...	2	4.7	7	17
Canora, H. W. Memorial	147	...	600	180	20	...	Yes	...	...	...	...	...	2	4	...	...	...	...	2.9	7	14
Central Butte, Victorian	26	...	300	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.2	...	4
Cudworth, St. Michael's	54	...	145	19	20	...	Yes	...	...	...	...	...	2	2	...	...	...	1	2.7	...	7
Davidson, Union	104	...	325	97	3	...	Yes	...	...	...	...	...	2	...	...	...	...	...	2.9	2	7
Doddsland, Association	106	...	430	36	10	...	Yes	1	...	...	1	2	2	1	...	...	...	...	3.6	2	11
Eatonia, Union	16	...	297	33	1	...	Yes	...	...	...	...	...	1	1	...	...	...	...	1.6	...	5
Edam, Union	41	...	150	38	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.4	1	7
Elrose, Community	38	2	10	5	3	...	...	...	...	...	...	1	...	...	...	...	...	...	15.4	...	7
Estevan	214	1	...	250	225	Yes	Yes	...	2	...	1	...	2	2	...	...	...	...	5.2	2	8
Eston, Union	49	...	...	179	...	...	...	...	...	...	...	...	3	1	...	...	...	...	2.4	7	14
Frontier, Community	73	...	99	6	6	...	Yes	...	2	...	2	...	2	1	...	...	...	...	1.6	2	9
Gravelbourg, St. Joseph's	148	...	423	102	...	...	Yes	...	...	...	...	...	1	1	...	...	...	...	3.7	...	11
Gull Lake, Union	52	...	400	64	25	...	Yes	...	...	...	...	...	1	1	...	...	...	...	2.6	5	9
Hafford	130	1	450	62	25	...	Yes	...	...	...	...	...	2	2	...	...	...	...	5.1	10	21
Herbert, Community	30	...	100	24	...	...	Yes	...	...	...	...	...	...	...	...	...	...	...	3.3	1	3
Humboldt, St. Elizabeth	302	...	1,093	483	50	...	Yes	...	...	...	...	1	3	3	...	...	...	...	2.4	10	35
Indian Head, Union	227	...	597	121	4	...	Yes	...	...	...	...	...	1	1	...	...	...	...	4.1	5	18
Ile a la Crosse	21	...	152	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.7	...	3
Kamsack	103	...	303	11	5	...	Yes	...	...	...	...	...	...	...	...	...	...	...	2.9	...	9
Ker Robert, Union	277	...	1,140	126	18	Yes	Yes	...	...	...	...	...	2	2	...	...	...	...	2.1	9	18
Kincaid, Community	120	...	200	60	15	...	Yes	...	...	...	...	...	1	1	...	...	...	...	1.4	...	5
Kindersley, Union	218	...	300	109	...	...	Yes	...	...	...	...	1	...	3	...	...	...	...	2.6	2	23
Lampman, Union	69	...	1,084	52	37	Yes	Yes	...	...	...	...	...	...	...	...	...	...	...	2.4	3	9
Lashburn, Union	47	...	639	102	8	...	Yes	...	...	...	...	...	...	1	...	...	...	...	1.3	1	8
Lloydminster, Union	176	...	1,320	165	12	...	Yes	...	...	...	...	...	3	6	...	...	...	...	2.5	8	30
Macklin, St. Joseph's	185	...	510	150	12	...	Yes	...	...	...	...	...	...	1	...	...	...	...	1.7	4	13
Maple Creek, General	162	...	551	65	2	Yes	Yes	1	...	...	1	...	1	...	...	...	...	...	3.6	13	17
Melfort, Lady Minto	264	2	...	...	6	Yes	Yes	...	...	...	...	1	3	1	...	...	...	...	3.7	7	23
Melville	59	...	...	14	5	...	Yes	...	...	...	...	...	...	...	...	...	...	...	4.1	5	8
Milden, Community	75	3	550	300	50	...	Yes	...	...	...	...	1	1	1	...	...	...	...	1.4	1	5
Moose Jaw, General	835	19	16,650	1,453	1,060	Yes	Yes	3	8	5	16	1	2	1	8	...	3	14	4.1	17	105		

[illegible]

H. TABLE IV—OPERATING COSTS OF SASKATCHEWAN HOSPITALS, 1933.

Hospitals	Cost per patient per day	Cost per Bed		Earnings per Bed		Percentage of Operating Costs paid for						
		Per year	Per day	Per year	Per day	Salaries	Food and provi- sions	Medical and surgical supplies	Fuel, light, power	Laundry	Upkeep buildings, grounds, furniture etc.	Miscel- laneous expenses
Arcola, Brock Union	\$2.08	\$ 567.61	\$1.56	\$1,349.18	\$3.70	48	19	10	12	---	1	10
Assiniboia, Union	2.27	832.22	2.28	1,575.38	4.32	45	17	12	14	---	5	7
Biggar, St. Margaret's	1.24	185.95	0.51	336.61	0.92	39	18	5	14	1	16	7
Cabri, Union	2.41	702.82	1.93	1,244.45	3.41	39	19	14	12	1	5	10
Canora, H. W. Memorial	4.11	320.45	0.88	389.73	1.07	60	9	7	12	1	4	7
Central Butte, Victorian	1.97	231.15	0.63	194.47	0.53	37	24	5	10	8	7	9
Cudworth, St. Michael's	2.14	212.59	0.58	253.86	0.70	12	16	8	17	4	30	13
Davidson, Union	2.49	418.64	1.15	512.65	1.40	39	14	12	16	8	5	6
Doddsland, Association	2.17	425.48	1.17	581.00	1.59	45	22	8	11	6	5	3
Eatonia, Union	2.19	731.83	2.01	801.76	2.20	51	17	6	8	4	6	8
Edam, Union	2.68	769.44	2.11	800.94	2.19	46	24	8	9	4	7	2
Elrose, Community	2.10	266.44	0.73	375.33	1.03	48	24	10	8	3	2	5
Estevan	2.90	346.28	0.95	337.83	0.93	31	20	17	9	4	9	10
Eston, Union	2.82	617.79	1.69	702.87	1.93	27	13	9	9	6	8	28
Frontier, Community	2.40	233.31	0.64	333.31	0.91	62	17	7	9	---	---	5
Gravelbourg, St. Joseph's	4.10	337.52	0.92	365.95	1.00	49	10	6	14	2	17	2
Gull Lake, Union	2.19	554.94	1.52	1,328.06	3.64	49	18	10	16	---	2	5
Hafford	3.29	473.91	1.30	473.51	1.30	50	12	8	17	---	3	10
Herbert, Community	2.11	184.91	0.86	282.25	1.32	30	17	16	8	---	12	17
Humboldt, St. Elizabeth's	2.03	450.26	1.23	851.63	2.33	43	21	7	9	2	7	11
Indian Head, Union	2.66	586.22	1.61	915.67	2.51	47	16	9	17	---	1	10
Ile a la Crosse	3.14	286.48	0.78	239.72	0.66	28	41	---	24	7	---	---
Kamsack	2.55	377.84	1.04	458.22	1.26	40	17	13	4	1	9	16
KerRobert, Union	2.11	781.26	2.14	1,006.53	2.76	41	20	8	14	7	3	7
Kincaid, Community	1.63	332.18	0.91	477.33	1.31	43	16	12	9	1	1	18
Kindersley, Union	2.22	767.96	2.10	1,125.80	3.08	45	19	7	15	1	5	8
Lampman, Union	1.69	548.30	1.50	779.95	2.14	52	15	4	18	---	3	8
Lashburn, Union	2.09	823.79	2.26	969.93	2.66	51	18	8	17	1	5	6
Lloydminster, Union	1.96	742.04	2.03	1,023.22	2.90	42	17	7	18	5	6	5
Macklin, St. Joseph's	2.27	408.95	1.12	809.85	2.22	38	19	6	11	1	13	12
Maple Creek, General	2.53	480.52	1.32	625.96	1.71	32	23	14	14	9	---	8
Melfort, Lady Minto	2.23	525.37	1.44	542.56	1.49	47	13	14	14	---	3	9
Melville	2.30	198.38	0.85	276.55	1.19	32	21	12	14	1	14	6
Milden, Community	1.88	385.45	1.06	516.01	1.41	38	29	8	15	---	6	4
Moose Jaw, General	2.08	473.27	1.39	655.34	1.80	32	23	10	18	6	7	4
Moose Jaw, Providence	2.70	390.92	1.07	559.61	1.53	46	19	4	14	1	4	12
Moosomin, General	2.55	671.55	1.84	1,025.15	2.81	43	20	14	14	2	4	3
Nokomis, Cottage	2.23	231.48	0.63	445.26	1.22	32	23	16	17	4	---	8
North Battleford, Notre Dame	2.02	508.87	1.39	870.01	2.38	40	20	9	10	3	12	6

Oxbow, Community	2.73	468.98	1.28	523.36	1.43	42	19	10	7	11	2	9
Ponteix, Gabriel	3.15	183.89	0.50	245.41	0.67	31	14	3	11	1	9	31
Prince Albert, Holy Family	1.70	629.52	1.72	1,160.52	3.18	41	19	11	11	1	12	5
Prince Albert, Victoria	2.75	399.60	1.09	468.28	1.28	42	16	10	11	4	5	12
Regina, General	3.16	704.96	1.93	906.45	2.48	46	16	10	12	5	6	5
Regina, Grey Nuns	3.95	601.32	1.65	641.03	1.76	42	23	1	14	1	10	9
Rosetown, Union	2.12	642.69	1.76	944.66	2.59	42	19	8	16	4	7	4
Rosthern, St. John's	2.01	277.65	0.76	380.30	1.04	26	30	4	17	1	11	11
Rouleau, Community	1.60	192.30	0.53	190.25	0.52	4	34	16	19	5	11	11
Saskatoon, City	2.76	665.38	1.82	847.29	2.32	41	17	15	11	5	5	6
Saskatoon, St. Paul's	2.14	509.16	1.39	830.44	2.28	41	24	10	14	1	5	5
Scott, Municipal	2.42	112.35	0.61	140.66	0.76	32	26	15	14	1	10	2
Smeaton	3.54	234.36	1.27	107.72	0.59	49	15	10	1	----	20	5
Shanavon, Union	2.63	801.53	2.20	1,195.79	3.28	31	28	10	10	2	5	14
Swift Current, General	2.88	495.42	1.36	758.82	2.09	35	18	9	21	8	2	7
Tisdale, St. Therese	1.65	331.65	0.91	683.26	1.87	41	19	12	8	1	15	7
Tuxford, Community	1.86	191.68	0.52	202.00	0.55	39	27	4	19	----	3	8
Unity, Union	2.76	389.58	1.07	680.32	1.86	39	20	8	15	3	7	8
Vanguard Union	2.09	462.66	1.26	1,050.73	2.88	45	14	9	12	7	2	11
Wadena, Union	1.76	656.63	1.80	652.10	1.79	47	14	12	9	3	7	8
Wakaw, Anna Turnbull	1.60	352.16	0.96	648.66	1.78	47	17	9	8	1	13	5
Watrous, Manitou	2.14	191.67	1.04	294.70	1.60	28	14	10	15	7	12	14
Weyburn, General	2.68	403.21	1.10	519.36	1.42	52	14	5	17	1	8	3
Wilkie, Union	2.26	534.28	1.46	732.77	2.01	48	15	7	13	----	10	7
Willow Bunch, Pasteur	3.50	39.14	0.65	25.28	0.42	29	27	12	16	3	5	8
Yorkton, Queen Victoria	2.20	276.53	0.76	395.61	1.08	32	19	10	17	3	3	16
Fort Qu'Appelle												
Prince Albert	2.30	923.03	2.53	967.32	2.65	36	19	4	13	2	14	12
Saskatoon												
							19	8	13	3	9	8
							\$2.42	\$592.81	\$1.63	\$761.16	\$2.09	40

H. TABLE V—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1933.

Hospitals	Operating							Maintenance					
	Salaries	Groceries, bread, meat, milk, vegetables	Medical and surgical supplies	Fuel, light, power, water, ice	Laundry	Freight express and cartage	Sundry	Total operating expenditure	Building and grounds upkeep	Furniture and equipment upkeep	Dry goods upkeep	Sundry	Total maintenance expenditure
Arcola, Brock Union	\$ 2,875.05	\$ 1,280.21	\$ 714.83	\$ 807.90	\$	\$ 53.09	\$ 6.00	\$ 5,737.08	\$	\$ 73.95	\$	\$	\$ 73.95
Assiniboia, Union	4,869.50	2,041.39	1,455.87	1,600.48				9,967.24	106.97		426.22		533.19
Biggar, St. Margaret's	2,626.55	1,234.27	307.01	903.81	62.09	134.36	62.79	5,330.88	60.55	91.24	843.51	74.31	1,069.61
Cabri, Union	3,313.84	1,873.18	1,367.01	1,223.70	45.35	305.37		8,128.45	123.36	182.26	63.68	73.09	442.39
Canora H. W. Memorial	9,239.35	1,387.81	1,058.81	1,875.89	193.54	83.05	585.20	14,423.65	212.87	342.78		83.60	639.25
Central Butte, Victorian	1,051.95	717.50	140.35	303.50	231.50	15.30	163.10	2,623.20		25.00	200.00		225.00
Cudworth, St. Michael's	637.85	873.12	459.90	936.16	237.49		329.38	3,473.90	363.74	400.51	903.12		1,667.37
Davidson, Union	2,204.00	827.67	678.66	917.00	452.65	30.55	34.50	5,145.03	93.55	222.95			316.50
Doddsland, Association	4,307.10	2,324.26	853.20	1,166.83	643.09			9,294.48	173.88	202.09	130.50		506.47
Eatonia, Union	4,200.28	1,482.87	545.19	732.62	370.00	16.73	253.52	7,601.21	355.06	50.30	78.24		483.60
Edam, Union	4,686.80	2,810.22	931.90	995.55	510.00			9,934.47	111.53	557.08	132.13		800.74
Elrose, Community	1,264.57	640.72	256.66	211.25	88.00	82.67		2,543.87			10.50	55.00	65.50
Estevan	3,327.75	2,609.27	2,210.33	1,243.97	492.29	158.22	151.93	10,193.76	105.28	370.84	337.00	422.67	1,235.79
Eston, Union	4,546.65	2,393.46	1,751.45	1,740.12	1,081.59		1,850.33	13,363.60	860.09	459.56	156.04		1,475.69
Frontier, Community	1,713.50	467.06	184.37	242.00		29.50		2,636.43					
Gravelbourg, St. Joseph's	8,224.83	1,723.15	1,014.47	2,391.79	289.24	113.95		13,757.43	451.05	242.84	1,200.70	946.50	2,841.09
Gull Lake, Union	3,326.38	1,393.16	755.76	1,299.30		.95		6,775.55	64.57	84.40			148.97
Hafford	5,694.33	1,605.60	1,084.92	2,423.34		905.22		11,713.41	80.35	27.40	12.40	255.00	375.15
Herbert, Community	578.32	379.05	347.42	173.67			204.43	1,682.89	253.02	26.60		.50	280.12
Humboldt, St. Elizabeth's	12,012.22	6,547.88	1,993.95	2,845.16	467.45	1,992.83	154.96	26,014.45	400.95	734.79	779.82	139.46	2,055.02
Indian Head, Union	5,666.30	2,014.91	1,175.44	2,256.18		52.20	509.97	11,675.00	147.00				147.00
Ile a la Crosse	2,010.00	2,929.00	24.00	1,678.00	479.00		42.05	7,162.05					
Kamsack	2,446.05	1,026.87	779.67	255.58	37.75	27.55	756.00	5,329.47	63.55	145.92	247.00	84.10	540.57
Kerrobert, Union	8,807.02	4,756.58	1,913.67	3,252.69	1,630.00	389.73	371.28	21,120.97	418.41	127.13	261.05		806.59
Kineaid, Community	1,733.60	621.82	462.03	344.94	43.64	17.60	663.66	3,887.29		21.00	26.07		47.07
Kindersley, Union	8,479.07	4,432.91	1,678.45	3,535.08	161.42	151.88	813.45	19,252.26	664.04	179.10	215.73	8.00	1,066.87
Lampman, Union	3,180.35	987.77	247.87	1,188.57	7.50		105.75	5,717.81	71.32		96.40		167.72
Lashburn, Union	7,531.03	3,058.86	1,425.46	1,957.95	127.23	186.23	330.75	14,617.51	66.75	377.28	326.87		770.90
Lloydminster, Union	11,794.82	5,185.36	2,221.86	5,637.59	1,727.05			26,566.68	396.08	483.09	1,077.21		1,956.38
Macklin, St. Joseph's	6,519.48	3,265.67	957.32	1,851.13	234.62		571.79	13,400.01	955.97	217.59	845.06	255.68	2,274.39
Maple Creek, General	3,824.00	3,023.85	1,832.31	1,839.75	1,200.00	40.76	383.10	12,143.77				3.85	3.85
Melfort, Lady Minto	5,739.80	1,904.43	1,977.89	1,974.10			890.23	12,486.45	91.35	248.48	41.67		381.50
Melville	630.17	414.21	248.39	269.59	27.77		16.80	1,606.93		37.60	16.43	230.00	284.03
Milden, Community	1,598.20	1,430.54	390.50	764.75				4,183.99	312.64				312.64
Moose Jaw, General	23,451.85	20,002.39	8,084.73	15,038.20	5,416.89			71,994.06	1,168.76	1,958.17	1,300.87	1,411.57	5,839.37
Moose Jaw, Providence	17,514.78	7,266.16	1,632.57	5,571.77	332.37	119.77	1,945.25	34,382.67	501.65	125.80	905.79		1,533.24
Moosomin, General	3,778.00	1,845.43	1,287.22	1,310.16	238.00	29.06	9.25	8,497.12	276.85	120.06			396.91
Nokomis, Cottage	1,101.15	805.10	564.94	575.31	150.00		25.70	3,222.20					

H. TABLE V—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1933—(Continued)

Hospitals	Administration						Total operating, maintenance and administration expenditure	Fixed Charges (Mortgage and debenture repayments)	Capital expenditure
	Salaries	Office expenses	Telegraph and telephone	Insurance	Sundry	Total administration expenditure			
Areola, Brock Union	\$ 360.00	\$ 30.00	\$ 200.69	\$ 93.12	\$ 316.46	\$ 1,000.27	\$ 6,811.30	\$ 1,255.18	\$ 484.13
Assinibola, Union	447.30	-----	320.98	100.00	346.75	1,215.03	11,715.46	3,651.47	-----
Biggar, St. Margaret's	-----	116.33	60.28	100.00	17.00	293.61	6,694.10	2,315.86	-----
Cabri, Union	574.60	284.88	62.63	154.88	191.60	1,268.59	9,839.43	3,251.82	437.68
Canora, H. Waddell Memorial	471.17	269.56	-----	190.00	29.00	959.73	16,022.63	-----	-----
Central Butte, Victorian	60.00	-----	40.00	56.70	-----	156.70	3,004.90	-----	-----
Cudworth, St. Michael's	-----	90.65	72.31	194.16	28.86	385.98	5,527.25	3,968.94	110.00
Davidson, Union	85.00	-----	62.82	80.00	171.63	399.45	5,860.98	-----	-----
Dodsland, Association	450.00	-----	-----	257.50	128.46	835.96	10,636.91	-----	-----
Eatonia, Union	240.00	26.81	89.20	-----	341.15	697.16	8,781.97	-----	-----
Edam, Union	601.40	162.97	42.00	-----	-----	806.37	11,541.58	-----	-----
Elrose, Community	-----	-----	55.00	-----	-----	55.00	2,664.37	-----	-----
Estevan	750.00	245.69	-----	406.32	327.08	1,729.09	13,158.64	-----	-----
Eston, Union	420.00	2,363.02	-----	359.25	552.04	3,694.31	18,533.60	-----	-----
Frontier, Community	37.00	-----	6.30	120.00	-----	163.30	2,799.73	705.02	-----
Gravelbourg, St. Joseph's	-----	136.33	90.38	-----	50.98	277.69	16,876.21	17,967.93	-----
Gull Lake, Union	478.10	160.52	-----	187.00	19.00	844.62	7,769.14	7,006.12	-----
Hafford	1,182.50	185.17	217.19	-----	70.00	1,654.86	13,743.42	-----	-----
Herbert, Community	85.00	79.54	39.06	16.30	35.96	255.86	2,218.87	-----	359.47
Humboldt, St. Elizabeth	1,200.00	164.85	185.20	883.16	114.90	2,548.11	30,617.58	8,593.95	-----
Indian Head, Union	370.80	108.90	145.93	280.14	169.15	1,074.92	12,896.92	-----	125.00
Ile a la Crosse	-----	-----	-----	-----	-----	-----	7,162.05	-----	-----
Kamsack	-----	59.05	103.95	10.00	2.45	175.45	6,045.49	-----	-----
KerRobert, Union	693.16	317.08	-----	472.44	27.64	1,510.32	23,437.88	-----	170.30
Kincaid, Community	-----	-----	51.79	-----	-----	51.79	3,986.15	-----	718.75
Kindersley, Union	1,812.70	330.24	-----	348.45	228.37	2,719.76	23,038.89	2,038.02	590.84
Lampman, Union	245.00	-----	57.47	124.00	267.56	694.03	6,579.56	-----	-----
Lashburn, Union	1,324.60	101.44	92.02	258.66	134.55	1,911.27	17,299.68	925.45	210.70
Lloydminster, Union	1,200.00	-----	673.96	252.58	516.04	2,642.58	31,165.64	-----	-----
Macklin, St. Joseph's	-----	118.98	107.07	896.93	378.68	1,501.66	17,175.97	6,186.45	6,261.10
Maple Creek, General	300.00	133.20	90.00	124.00	179.27	826.47	12,974.09	-----	-----
Melfort, Lady Minto	935.00	-----	26.50	66.15	289.40	1,317.05	14,185.00	-----	-----
Melville	-----	4.00	88.88	-----	-----	92.88	1,983.84	-----	-----
Milden, Community	290.00	13.10	28.56	65.94	116.55	514.15	5,010.78	379.70	-----
Moose Jaw, General	4,178.20	1,298.70	696.05	1,024.06	158.79	7,355.80	85,189.23	15,212.61	-----
Moose Jaw, Providence	-----	263.29	394.42	427.16	1,309.28	2,394.15	38,310.06	7,550.65	-----
Moosomin, General	240.00	75.55	114.18	78.00	-----	507.73	9,401.76	-----	-----
Nokomis, Cottage	-----	25.00	150.00	75.00	-----	250.00	3,472.20	-----	-----
North Battleford, Notre Dame	1,205.00	255.57	288.32	162.00	315.09	2,225.98	30,532.14	943.40	-----
Oxbow, Community	-----	35.05	83.69	26.00	-----	144.74	4,689.84	166.85	-----

H. TABLE V—EXPENDITURES OF SASKATCHEWAN HOSPITALS, 1933—(Continued)

Hospitals	Operating						Maintenance						
	Salaries	Groceries, bread, meat, milk, vegetables	Medical and surgical supplies	Fuel, light, power, water, ice	Laundry	Freight express and cartage	Sundry	Total operating expendi- ture	Building and grounds upkeep	Furniture and equipment upkeep	Dry goods upkeep	Sundry	Total maintenance expenditure
N. Battleford, Notre Dame	11,069.73	6,003.87	2,616.51	3,091.61	810.55	309.77	573.05	24,475.09	926.42	861.10	1,569.61	473.94	3,831.07
Oxbow, Community	1,959.43	890.12	484.26	346.78	488.88	184.33	90.32	4,444.12	37.00	63.98	-----	-----	100.98
Ponteix, Gabriel	1,712.00	766.16	164.15	620.41	40.07	19.22	292.30	3,614.31	112.00	58.20	59.99	296.50	526.69
Prince Albert, Holy Family	22,740.69	11,158.14	6,494.16	6,249.38	641.07	473.44	356.32	48,113.20	2,497.02	3,278.18	911.58	419.82	7,106.60
Prince Albert, Victoria	11,888.75	5,868.30	3,703.16	4,018.58	1,500.00	-----	414.46	27,393.25	1,014.38	-----	797.15	186.18	1,997.71
Regina, General	109,585.80	45,325.13	27,795.68	35,401.77	13,699.11	-----	8,502.88	240,310.37	6,467.90	315.66	5,445.03	6,527.40	18,755.99
Regina, Grey Nuns	45,042.95	30,992.83	646.60	18,919.77	960.09	736.17	-----	97,298.41	7,312.00	2,340.31	3,322.45	-----	12,974.76
Rosetown, Union	10,214.00	5,431.53	2,227.72	4,792.89	1,061.03	-----	-----	23,727.17	262.43	1,149.54	496.46	9.50	1,917.93
Rosthern, St. John's	1,341.40	1,641.27	232.63	936.37	71.47	36.38	100.45	4,359.97	234.10	153.26	227.12	19.62	634.10
Rouleau, Community	67.00	650.00	300.00	374.00	100.00	15.00	100.00	1,606.00	-----	50.00	120.00	50.00	220.00
Saskatoon, City	68,867.79	35,233.89	29,238.34	22,995.90	9,796.25	-----	4,672.83	170,805.00	1,855.74	277.55	3,263.37	4,829.99	10,226.65
Saskatoon, St. Paul's	45,538.96	28,395.05	11,658.97	17,206.38	928.03	181.63	1,933.20	105,842.22	2,913.37	284.17	2,404.73	-----	5,602.27
Scott, Municipal	660.50	647.90	359.46	351.65	30.84	-----	-----	2,050.35	83.38	164.88	-----	-----	248.26
Smeaton	1,370.32	419.12	277.12	34.25	-----	-----	120.15	2,220.96	-----	495.38	-----	77.71	573.09
Shaunavon, Union	5,740.00	7,240.29	2,630.71	2,648.90	362.90	-----	1,484.92	20,107.72	492.60	462.23	368.44	-----	1,323.27
Swift Current, General	9,329.05	4,604.89	2,419.42	5,470.53	2,029.78	73.11	1,172.43	25,099.21	117.50	432.54	-----	-----	550.04
Tisdale, St. Therese	7,040.50	3,193.02	2,032.00	1,457.00	229.04	91.40	23.89	14,066.85	1,511.05	473.02	625.81	42.47	2,652.35
Tuxford, Community	741.85	515.41	70.00	371.17	-----	41.00	16.00	1,755.43	12.00	21.00	30.00	3.00	66.00
Unity, Union	4,500.56	3,088.26	1,293.42	2,347.46	523.51	180.00	86.25	12,019.46	316.86	516.38	197.88	25.00	1,056.12
Vanguard, Union	2,693.37	890.54	567.99	783.39	480.00	-----	-----	5,415.29	23.00	115.30	-----	-----	138.30
Wadena, Union	7,395.85	2,435.37	2,038.89	1,529.80	545.60	-----	266.62	14,212.13	677.41	312.11	211.37	-----	1,200.89
Wakaw, Anna Turnbull	3,774.40	1,518.63	823.71	734.16	38.89	84.90	110.00	7,084.69	175.70	149.20	810.02	13.31	1,148.23
Watrous, Manitou	655.53	313.91	235.52	351.54	151.25	-----	229.46	1,937.21	-----	130.10	-----	143.93	274.03
Weyburn, General	10,241.06	2,761.02	1,057.74	3,409.90	244.29	-----	-----	17,714.01	376.80	400.02	658.39	124.43	1,559.64
Wilkie, Union	4,790.75	1,659.74	780.34	1,339.28	-----	-----	214.46	8,784.57	900.47	118.30	-----	-----	1,018.77
Willow Bunch, Pasteur	250.00	235.00	100.00	142.00	24.00	10.00	50.00	811.00	-----	25.00	20.00	-----	45.00
Yorkton, Queen Victoria	5,521.50	4,068.64	2,149.25	3,718.50	556.88	68.14	138.91	16,221.82	-----	544.13	142.22	-----	686.35
Fort Qu'Appelle	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Prince Albert	217,874.65	126,412.67	26,212.12	86,135.68	12,110.65	2,867.12	41,906.25	513,519.14	18,695.64	-----	21,670.65	49,203.49	89,569.78
Saskatoon	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	\$809,114.88	\$431,944.41	\$173,626.25	\$299,114.43	\$64,401.50	\$10,308.18	\$74,086.32	\$1,862,596.17	\$55,965.96	\$21,327.35	\$53,986.28	\$66,489.62	\$197,769.21

H. TABLE VI—EARNINGS OF SASKATCHEWAN HOSPITALS, 1933

Hospital	Patients' fees charged	Grants from municipalities in which hospital is situated	Grants from other municipalities	Grants from Saskatchewan Relief Commission	Government of Saskatchewan grants	Donations and miscellaneous receipts	Total earnings
	\$	\$	\$	\$	\$	\$	\$
Arcola, Brock Union.....	9,856.23	502.00	3,008.76	105.60	1,639.50	1,078.05	16,190.14
Assiniboia, Union	18,690.00	3,095.05	.....	785.05	2,578.50	57.50	25,206.10
Biggar St. Margaret's	7,162.63	.....	.....	154.00	2,709.00	2,090.15	12,115.78
Cabri Union	12,103.68	315.65	2,830.30	130.20	2,042.50	.....	17,422.33
Canora H. Waddell Memorial.....	9,008.90	780.00	.....	.....	1,928.50	7,769.34	19,486.74
Central Butte Victorian	900.75	.....	160.00	207.90	762.50	496.90	2,528.05
Cudworth St. Michael's	4,307.88	500.00	500.00	.....	1,292.50	.....	6,600.38
Davidson Union	5,575.50	.....	.....	306.90	1,175.50	119.20	7,177.10
Doddsland Association	11,248.00	.....	.....	122.60	2,454.50	699.99	14,525.09
Eatonia Union	7,510.50	.....	.....	104.60	2,006.00	.....	9,621.10
Edam Union	9,758.90	.....	.....	.....	2,155.50	99.76	12,014.16
Elrose Community	1,926.50	345.00	847.80	.....	634.00	.....	3,753.30
Estevan	10,410.30	.....	.....	153.20	2,269.00	5.00	12,837.50
Eston Union	16,268.55	.....	.....	70.60	3,283.50	1,463.53	21,086.18
Frontier Community	3,221.25	.....	.....	45.80	583.50	149.20	3,999.75
Gravelbourg St. Joseph's	9,629.21	.....	.....	630.05	2,058.50	5,979.62	18,297.38
Gull Lake Union	9,689.65	3,000.00	4,001.12	130.60	1,771.50	.....	18,592.87
Hafford	5,262.25	100.00	150.00	.....	2,091.00	6,128.67	13,731.92
Herbert Community	2,698.25	.....	.....	163.20	525.50	.....	3,386.95
Humboldt St. Elizabeth's	27,680.75	2,000.00	2,200.00	.....	7,550.00	18,479.78	57,910.53
Indian Head Union	14,001.65	900.00	2,100.00	.....	2,428.00	714.98	20,144.63
Ile a la Cross	4,383.00	.....	.....	.....	1,056.00	554.10	5,993.10
Kamsack	4,774.90	.....	.....	27.60	1,186.50	1,342.53	7,331.53
KerRobert Union	23,743.48	.....	.....	215.80	5,561.50	675.04	30,195.82
Kincaid Community	4,015.46	.....	.....	420.90	1,225.50	66.05	5,727.91
Kindersley Union	26,382.41	.....	.....	160.20	5,193.50	2,038.02	33,774.13
Lampman Union	7,137.05	150.00	.....	95.80	1,940.50	36.08	9,359.43
Lashburn Union	15,217.19	46.28	879.17	17.20	4,137.50	71.17	20,368.51
Lloydminster Union	34,448.00	.....	.....	.....	3,407.50	5,119.87	42,975.37
Macklin St. Joseph's	17,848.67	.....	.....	135.40	3,770.00	12,259.57	34,013.64
Maple Creek General.....	12,515.30	1,500.00	.....	192.20	2,517.00	176.42	16,900.92
Melfort Lady Minto	7,841.67	.....	3,600.00	.....	3,182.50	25.00	14,649.17
Melville	2,326.90	.....	.....	.....	431.00	7.61	2,765.51
Milden Community	5,050.59	.....	.....	72.40	1,334.00	251.18	6,708.17
Moose Jaw General.....	96,598.17	.....	.....	1,731.15	19,632.50	.....	117,961.82
Moose Jaw Providence.....	37,174.46	981.32	.....	687.75	4,659.00	11,339.33	54,841.86
Moosomin General	10,841.75	500.00	1,100.00	.....	1,846.00	64.40	14,352.15

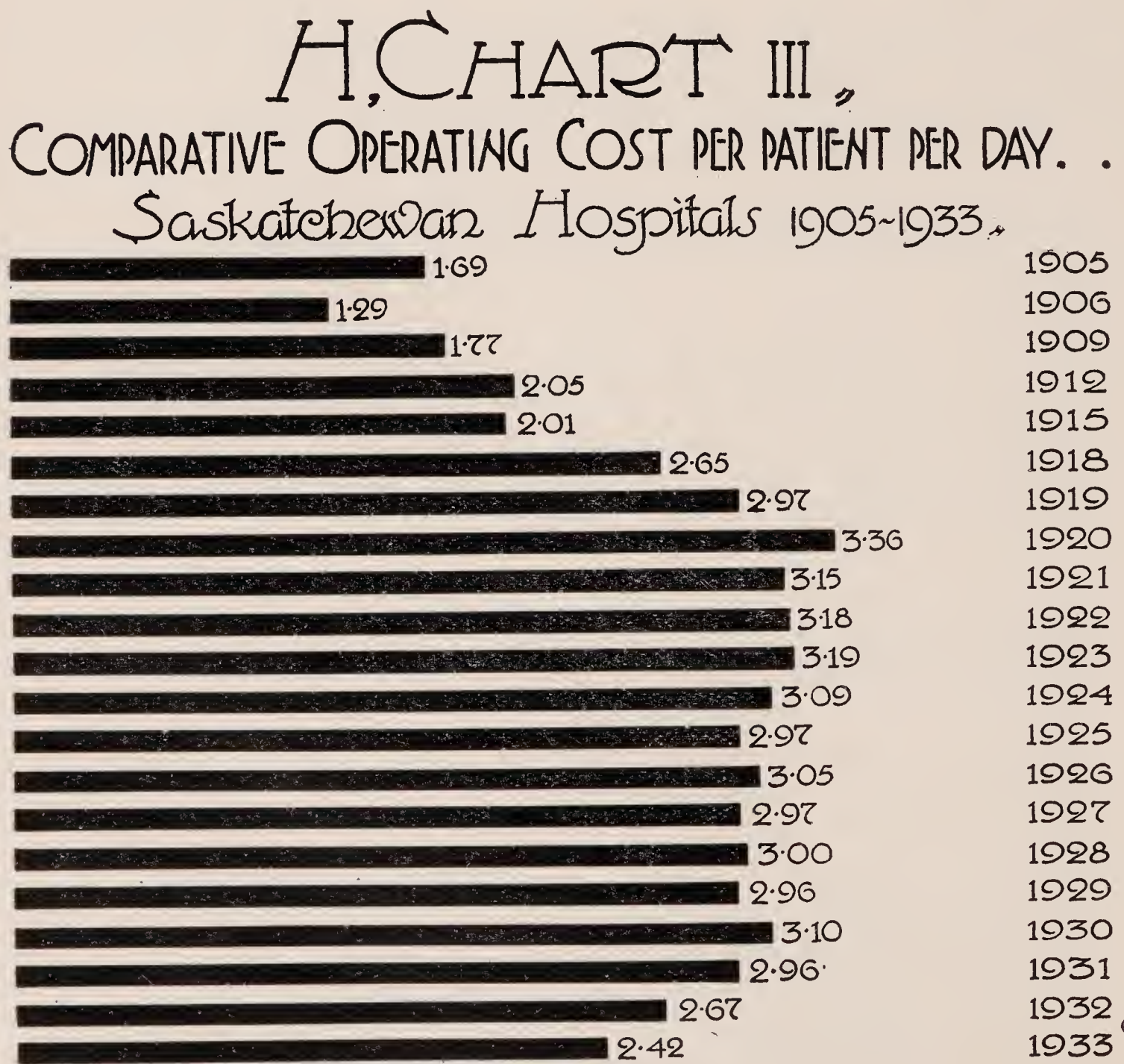
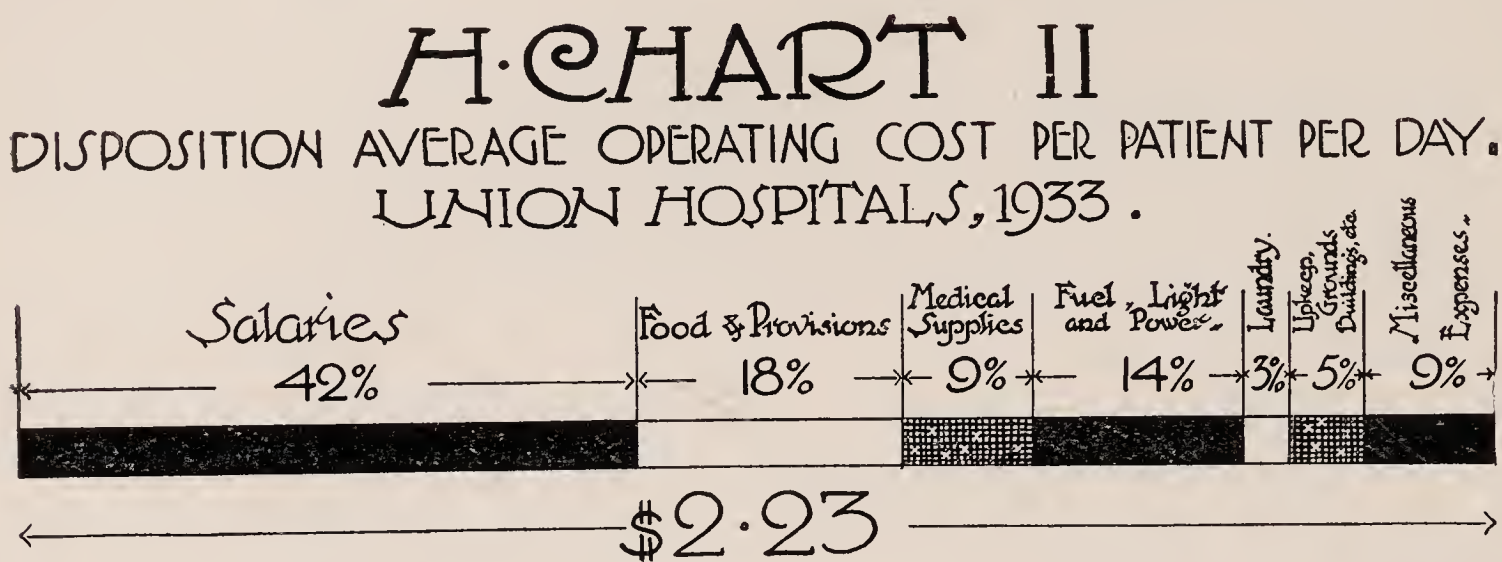
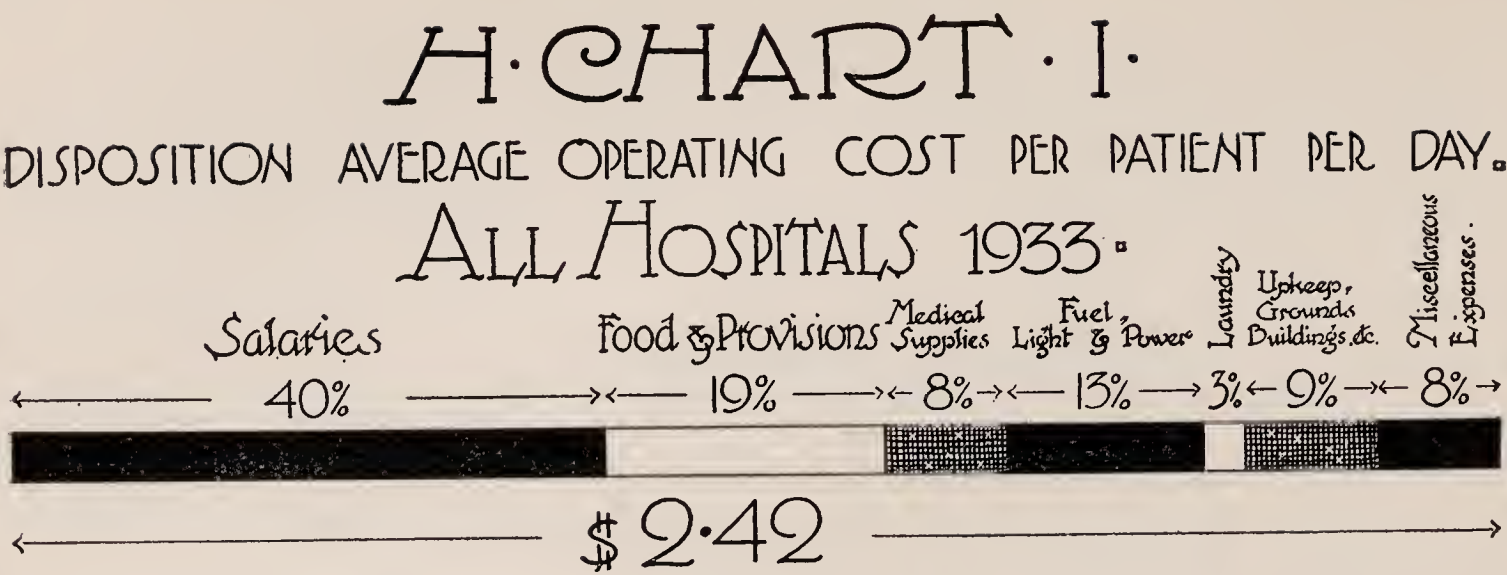
Nokomis Cottage	5,783.95	.....	.....	780.00	115.00	6,678.95
North Battleford Notre Dame.....	40,504.75	.....	.....	7,510.50	4,185.00	52,200.25
Oxbow Community	4,313.20	.....	.....	858.00	14.60	5,233.60
Ponteix Gabriel	4,317.89	160.00	1,500.00	877.00	261.06	7,362.20
Prince Albert Holy Family.....	77,777.75	.....	.....	16,990.50	12,000.00	106,768.25
Prince Albert Victoria	36,421.89	.....	.....	6,768.00	359.86	43,549.75
Regina General	283,840.22	27,602.30	.....	39,475.50	18,125.13	371,645.55
Regina Grey Nuns.....	99,826.36	.....	.....	16,143.00	24,255.99	141,026.05
Rosetown Union	34,886.27	.....	125.00	6,785.50	361.48	42,409.85
Rosthern St. John's	4,966.15	400.00	.....	1,380.50	800.40	7,606.05
Rouleau Community	1,191.00	.....	110.00	601.50	.....	1,902.50
Saskatoon City	220,035.86	.....	356.88	36,515.50	.....	257,577.39
Saskatoon St. Paul's	152,461.53	.....	.....	27,261.50	12,234.21	195,152.64
Scott Municipal	2,535.25	.....	.....	510.50	.....	3,094.55
Smeaton	886.40	.....	.....	397.00	.....	1,292.60
Shaunavon Union	33,105.98	.....	.....	4,877.50	.....	38,265.13
Swift Current General	26,712.14	8,500.00	.....	4,552.50	.....	40,127.69
Tisdale St. Therese	24,407.23	.....	.....	5,222.50	5,900.00	35,529.73
Tuxford Community	1,011.70	.....	.....	514.00	311.21	2,020.01
Unity Union	12,485.35	.....	10,529.28	2,821.50	444.77	27,212.66
Vanguard Union	8,248.55	366.68	3,933.32	1,547.00	152.40	14,710.15
Wadena Union	8,974.75	75.00	3,033.77	4,830.50	40.59	16,954.61
Wakaw Anna Turnbull	9,915.45	800.00	.....	2,754.00	2,747.53	16,216.98
Watrous Manitou	2,955.25	.....	.....	536.50	.....	3,536.35
Weyburn General	10,425.52	11,615.30	.....	3,766.50	.....	25,967.87
Wilkie Union	9,423.35	349.05	.....	2,345.50	27.03	14,655.41
Willow Bunch Pasteur.....	340.00	.....	2,471.08	123.00	.....	556.20
Yorkton Queen Victoria	25,588.75	.....	.....	4,828.50	440.45	30,857.70
Fort Qu'Appelle San. }	394,173.12	.....	.....	285,529.00	.....	679,702.12
Prince Albert San. }						
Saskatoon San. }						
	\$2,044,725.94	\$ 65,499.19	\$ 43,436.48	\$ 592,122.50	\$ 162,134.75	\$2,924,359.81
Regina Junior Red Cross.....				3,369.50	*These amounts include accounts paid for patients from Relief Camp at \$2.00 per day; Regina General \$1,190.00; Saskatoon St. Paul's \$2,204.75.	
Red Cross Outposts.....				9,312.00		
Melville Municipal				394.00		
North Battleford Isolation.....				50.50		
Total Relief and Government Grants.....				\$ 605,248.50		

DEPARTMENT OF PUBLIC HEALTH

H. TABLE VII—SASKATCHEWAN HOSPITAL INVESTMENTS AND SCHEDULE OF CHARGES, 1933.

Hospital	Value of buildings and real estate	Value of furniture and equipment	Schedule of Charges							
			Private ward per day	Semi-private ward per day	Public ward per day	Case room	Operating room	X-ray	Isolation Hospital	Laboratory
Arcola, Brock Union	\$ 23,734.31	\$ 7,430.76	\$4.00	-----	\$2.50	\$5.00	\$10.00 to 15.00	\$2.00 to 20.00	-----	-----
Assiniboia, Union	24,371.80	8,936.23	4.00, 5.00	3.50, 4.50	3.00, 4.00	5.00	5.00 to 10.00	-----	-----	-----
Biggar, St. Margaret's	32,829.55	18,269.00	3.00 to 5.00	3.00, 3.50	2.00	5.00	5.00 to 10.00	5.00 to 25.00	\$3.00	\$1.50 to 3.00
Cabri, Union	19,920.87	5,179.28	4.00, 4.50	-----	3.00, 3.50	5.00	2.50 to 10.00	2.00 to 12.00	-----	1.00 to 2.00
Canora, H. W. Memorial	56,981.83	6,994.40	4.25	3.50	2.50	4.00, 5.00	3.00 to 15.00	-----	3.00 to 5.00	-----
Central Butte, Victorian	947.70	360.00	-----	-----	2.50	5.00	6.00	-----	2.50	-----
Cudworth, St. Michael's	24,250.00	4,400.00	3.00	2.00	1.50	5.00	3.00 to 10.00	5.00 to 20.00	2.00	1.00
Davidson, Union	3,085.00	1,556.45	3.50	-----	2.50	10.00	3.00 to 10.00	-----	2.50	-----
Doddsland, Association	4,389.01	3,450.00	4.00	3.00	-----	5.00	10.00	-----	-----	-----
Eatonia, Union	10,472.83	2,254.05	-----	-----	2.25	-----	3.00 to 5.00	2.50 to 10.00	2.25	-----
Edam, Union	6,351.80	4,617.39	-----	-----	3.00 to 3.50	3.00	4.50 to 10.00	5.00 to 15.00	2.50	1.00 to 10.00
Elrose, Community	7,387.37	1,662.60	-----	2.75	-----	5.00	15.00	-----	3.00	-----
Estevan	22,950.00	3,500.00	5.00	4.00	3.00	-----	2.00 to 10.00	-----	-----	-----
Eston, Union	31,687.05	6,143.69	3.00	3.00	2.50	-----	3.00 to 5.00	5.00 to 15.00	4.00	-----
Frontier, Community	13,058.11	2,387.36	3.00	3.00	3.00	-----	10.00	-----	-----	-----
Gravelbourg, St. Joseph's	113,638.32	26,197.21	4.00	3.00	2.50	5.00	5.00 to 10.00	2.00 to 15.00	2.50	0.50 to 3.00
Gull Lake, Union	20,358.63	4,515.85	3.50 to 5.00	3.00 to 4.00	2.50 to 3.50	-----	4.00 to 5.00	-----	-----	-----
Hafford	25,750.00	4,125.00	3.50	2.50	2.00	10.00	5.00 to 10.00	2.00 to 5.00	3.00	-----
Horbert, Community	3,500.00	3,500.00	3.50	3.00	2.50	-----	10.00	2.00 to 5.00	2.50	-----
Humboldt, St. Elizabeth	92,253.75	19,777.95	4.00	2.50	2.00	5.00	3.00 to 10.00	3.00 to 15.00	2.00	1.00 to 2.00
Indian Head, Union	15,500.00	8,138.66	4.00	-----	2.50	5.00	3.00 to 10.00	2.50 to 25.00	4.00	-----
Ile a la Crosse	67,502.03	3,466.57	-----	-----	2.00 to 2.50	-----	-----	-----	-----	-----
Kamsack	9,529.74	3,550.00	3.50	3.00	2.50	5.00	2.00 to 10.00	1.00 to 10.00	2.50	-----
Kerrobert, Union	29,538.94	10,888.94	4.00	3.00	2.00	7.00	2.00 to 15.00	2.00 to 15.00	3.00	1.00 to 5.00
Kineaid, Community	370.00	547.27	-----	2.50	2.50	5.00	10.00	2.50 to 25.00	2.50	-----
Kindersley, Union	10,168.31	4,004.47	3.50	-----	2.50	5.00	3.00 to 10.00	-----	2.50	-----
Lampman, Union	15,433.00	6,001.00	2.00 to 3.00	-----	2.00	5.00	2.00 to 10.00	2.00 to 15.00	-----	-----
Lashburn, Union	19,606.07	3,463.19	3.00	2.50	2.00	-----	3.00 to 10.00	2.00 to 15.00	4.50	0.50
Lloydminster, Union	22,166.45	14,166.49	3.00	-----	2.00	-----	1.00 to 10.00	2.50 to 10.00	2.50	-----
Macklin, St. Joseph's	91,204.00	30,377.50	4.00	3.00	2.50	3.00	5.00 to 10.00	5.00 to 10.00	2.50	-----
Maple Creek, General	17,100.00	1,200.00	3.50 to 4.50	2.50 to 3.00	2.00	5.00	3.00 to 15.00	2.00 to 20.00	2.50	0.50 to 2.00
Melfort, Lady Minto	10,262.88	1,232.50	4.00	3.50	3.00	5.00	2.00 to 10.00	2.00 to 15.00	3.00	-----
Melville	6,000.00	4,000.00	4.00	3.50	2.50	-----	5.00 to 10.00	-----	5.00	-----
Milden, Community	11,887.50	4,410.10	2.50	2.50	-----	5.00	2.50 to 10.00	3.50 to 5.00	5.00	-----
Moose Jaw General	296,516.00	18,587.84	5.00 to 7.00	3.00	2.00 to 2.50	6.00	5.00 to 10.00	2.00 to 25.00	2.00	1.00 to 5.00
Moose Jaw, Providence	271,015.84	50,834.05	4.00 to 5.00	3.00	2.00	5.00	3.00 to 10.00	5.00 to 15.00	-----	1.00 to 3.00
Moosomin, General	19,095.23	3,861.56	3.50	3.00	2.50	-----	3.00 to 12.00	2.00 to 10.00	-----	-----
Nokomis, Cottage	4,000.00	4,253.34	-----	3.00	2.50	-----	5.00 to 10.00	2.50 to 25.00	3.00	0.50 to 5.00
North Battleford, Notre Dame	80,750.00	18,000.00	3.25 to 4.00	3.00	2.50	-----	3.00 to 10.00	-----	-----	1.00 to 5.00
Oxbow, Community	6,142.50	1,109.05	-----	2.50 to 3.00	-----	5.00	5.00 to 10.00	-----	3.00	-----

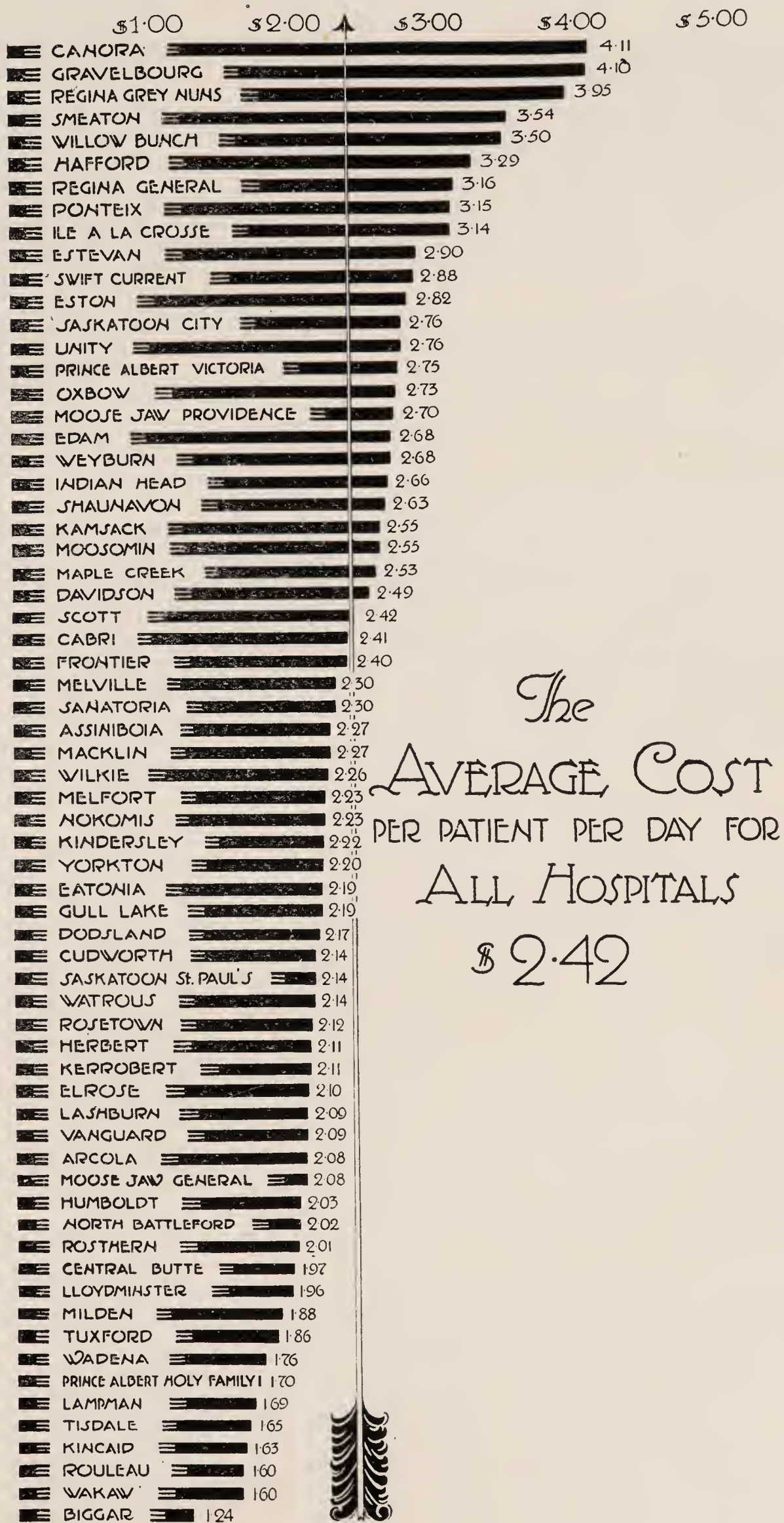
Ponteix, Gabriel	40,300.00	12,100.00	2.50	5.00	10.00	2.50 to 25.00	2.50	1.00 to 5.00
Prince Albert, Holy Family	106,500.00	81,800.00	4.00 to 4.50	10.00	5.00 to 15.00	3.00 to 15.00	2.50	0.50 to 5.00
Prince Albert, Victoria	57,000.00	10,000.00	4.00	10.00	2.00 to 15.00	1.00 to 25.00	2.50	3.00
Regina, General	1,004,161.03	82,616.72	4.50 to 5.50	2.00 to 2.50	5.00 to 10.00	2.50 to 25.00	2.00 to 2.50	2.00 to 5.00
Regina, Grey Nuns	482,429.67	69,740.97	4.00 to 5.00	5.00	2.00 to 10.00	2.00 to 25.00	2.50	-----
Rosetown, Union	58,052.17	29,010.16	5.00	5.00	5.00 to 10.00	2.00 to 15.00	3.00	-----
Rosthern, St. John's	13,932.00	4,367.80	4.00	5.00	2.00 to 10.00	-----	2.50	-----
Rouleau, Community	6,070.80	600.00	4.00	7.00	5.00 to 7.00	-----	2.00	0.50 to 5.00
Saskatoon, City	608,088.84	124,953.37	5.00	5.00	2.00 to 10.00	2.00 to 25.00	2.00	1.00 to 5.00
Saskatoon, St. Paul's	577,925.00	42,558.00	5.00 to 6.00	5.00	5.00 to 10.00	2.50 to 25.00	2.00	-----
Scott, Municipal	7,000.00	3,000.00	2.50	3.00	3.00 to 5.00	-----	2.00	-----
Smeaton	5,000.00	2,500.00	-----	1.25 to 1.75	0.50 to 10.00	-----	3.50	-----
Shanavon, Union	26,362.95	9,494.20	4.50	5.00	5.00 to 10.00	5.00 to 10.00	2.50	1.00 to 5.00
Swift Current, General	35,612.00	4,952.00	4.00 to 5.00	5.00	5.00 to 12.50	5.00 to 15.00	2.50	1.00 to 2.00
Tisdale, St. Therese	56,250.00	20,380.00	4.00	5.00	3.00 to 10.00	5.00 to 20.00	2.50	-----
Tuxford, Community	9,400.00	700.00	4.00	-----	5.00 to 10.00	-----	2.00 to 2.50	1.00
Unity, Union	43,323.29	4,742.76	3.00 to 3.50	5.00	2.50 to 12.50	2.50 to 7.50	2.50	-----
Vanguard, Union	18,820.45	9,424.00	4.00	5.00	3.00 to 10.00	2.00 to 4.00	2.50	-----
Wadena, Union	31,882.07	3,643.38	4.50	-----	2.50 to 10.00	2.00 to 10.00	1.50	-----
Wakaw, Anna Turnbull	19,000.00	4,400.00	3.00	5.00	5.00 to 10.00	2.00 to 10.00	2.50	2.00 to 5.00
Watrous, Manitou	6,020.69	1,550.78	3.00	5.00	10.00	3.00 to 5.00	2.50	-----
Wayburn, General	37,927.40	7,198.38	5.00	5.00	3.00 to 12.50	-----	3.50	-----
Wilkie, Union	24,092.77	4,225.46	3.00 to 3.50	5.00	5.00 to 10.00	-----	3.00	-----
Willow Bunch, Pasteur	24,123.00	10,514.00	3.00	5.00	10.00	-----	3.00	0.50
Yorkton, Queen Victoria	102,651.22	10,313.38	4.50	5.00	5.00 to 10.00	2.50 to 25.00	-----	-----
Fort Qu'Appelle			-----	-----	-----	-----	-----	-----
Prince Albert			-----	-----	-----	-----	-----	-----
Saskatoon	2,925,841.00	260,507.70	-----	-----	-----	-----	-----	-----
	\$7,869,472.77	\$1,142,642.81	\$2.00 to 7.00	\$1.25 to 4.00	\$0.50 to 15.00	\$1.00 to 25.00	\$1.50 to 5.00	\$0.50 to 5.00



H. CHART IV.

SASKATCHEWAN HOSPITALS

OPERATING COST PER PATIENT PER DAY, 1933.



The Mental Hospital, Battleford

BATTLEFORD, December 24, 1934.

R. O. DAVISON, M.D.,
Deputy Minister of Public Health.

SIR:

I have the honor to submit to you a copy of the twentieth annual report of the Battleford Mental Hospital.

I should like to point out to you the very crowded condition of our hospital at the present time. In fact, the hospital has become so crowded that one wonders where another bed can be accommodated.

It is impossible, in this crowded condition, to give the patients the medical care and nursing which they should have, and the admissions, as you will observe, have been increasing rapidly from year to year, and I would urge upon the government the necessity of finding some means of relieving the congestion at this hospital.

It was necessary to transfer 75 patients to the Weyburn hospital in January, 1934, and the total number of patients remaining on the register of this hospital as at April 30, 1934, was 1,202, as compared with 1,180 on the same date the previous year.

The percentage of deaths in the hospital for the current year shows a slight decrease over the previous year, being 5.12 per cent. as compared with 5.15 per cent. last year.

Actual paroles were 183 as compared with 165 last year.

The general health of the patients and staff has been good throughout the year, although, I regret to say, there has been a slight increase in the number of cases of tuberculosis during the year, and I think the overcrowded condition of the hospital has something to do with this.

I wish to take this opportunity of thanking the members of the staff, and particularly the nurses and attendants, for their willingness and co-operation in the discharge of their respective duties. I am well pleased with the way in which the nurses and attendants have discharged their duties, and the way they have looked after the patients under these very trying, overcrowded conditions.

J. W. MACNEILL, Superintendent.

TABLE NO. 1.

Month	Admis- sions		Paroles		Deaths		Deport- ations		Elope- ments		Trans- fers	
	M	F	M	F	M	F	M	F	M	F	M	F
1933												
May	24	11	7	7	5	1	1	..	2	..	..	..
June	17	16	10	8	3	2	..	..	2	..	..	..
July	23	18	8	7	3	2	3	..	1	..	..	..
August	12	11	10	7	8	1	1	..	..	..	..	..
September	19	17	10	6	2	4	1	..	3	..	..	..
October	16	10	7	10	2	3	..	..	2	..	..	..
November	17	13	6	12	4	3	1	..	..	..	..	..
December	13	13	4	13	4	3	1	..	..	..	..	..
1934												
January	22	16	5	4	4	3	1	..	..	..	45	30
February	20	13	5	3	7	4	..	..	..	..	..	..
March	26	7	11	3	5	1	1	..	..	..	..	..
April	18	11	14	6	4	3	1	1	..	..	..	..
Total	227	156	97	86	51	30	11	1	10	0	45	30
Grand Total	383		183		81		12		10		75	

TABLE No. 2.

TABLE SHOWING ADMISSIONS, RE-ADMISSIONS, DISCHARGES AND DEATHS.
COMPARATIVE STATEMENT.

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Number on our register on May 1, 1933	768	412	1,180
Admissions—	<i>Male</i>	<i>Female</i>	<i>Total</i>
First admissions	182	101	283
Re-admissions	45	55	100
Total admissions	227	156	383
Total under our care during year	995	568	1,563
Discharged or Removed—	<i>Male</i>	<i>Female</i>	<i>Total</i>
Paroled	97	86	183
Died	51	30	81
Deported	11	1	12
Eloped	10	0	10
Transferred	45	30	75
Total removed from register during year	214	147	361
Total remaining on our register on April 30, 1934.....	781	421	1,202
Total admissions during the year			383
Total paroled during the year			183
Per cent. of paroles of admissions			47.78%
Males admitted during the year			227
Males paroled during the year			97
Per cent. of paroles of admissions			42.73%
Females admitted during the year			156
Females paroled during the year			86
Per cent. of paroles of admissions			55.13%
Total number of cases treated during the year			1,563
Total number of deaths during the year			81
Per cent. of deaths of cases under treatment			5.12%

TABLE No. 3—COMPARATIVE STATEMENT.

	1914-15	1915-16	1916-17	1917-18	1918-19	1919-20	1920-21
Admissions ..	271	250	268	290	318	296	302
Paroles	97	100	123	122	160	168	134
Deaths	24	44	55	58	115	85	56
Deportations	20	12	6	7	4	5	7
Elopements ..	..	..	2	4	4	6	11
Transfers	4	2	2	1	2	..	1
	1921-22	1922-23	1923-24	1924-25	1925-26	1926-27	1927-28
Admissions ..	321	188	200	234	246	257	260
Paroles	133	108	107	106	114	141	136
Deaths	50	35	38	38	43	62	58
Deportations..	7	10	6	5	9	17	16
Elopements....	8	4	4	6	1	4	5
Transfers	457	1	1	9	2	1	..
	1928-29	1929-30	1930-31	1931-32	1932-33	1933-34	
Admissions	306	330	329	330	382	383	
Paroles	150	177	154	175	165	183	
Deaths	59	44	57	71	75	81	
Deportations	25	28	29	21	22	12	
Elopements	8	22	16	12	14	10	
Transfers .....	..	2	68	..	1	75	

TABLE NO. 4.

Ages	Admissions		Paroles		Deaths	
	Male	Female	Male	Female	Male	Female
10-19	15	16	6	8	2	1
20-29	59	43	28	28	5	1
30-39	41	46	14	24	4	8
40-49	56	21	28	14	7	6
50-59	27	18	8	7	10	8
60-69	16	8	12	5	11	5
70-79	11	4	1	..	8	1
80-89	2	..	..	..	4	..
90 and over .....	..	..	..	..	..	..
Total	227	156	97	86	51	30
Grand Total	383		183		81	

TABLE NO. 5—DIAGNOSIS

Diagnosis	Male	Female
Senile psychosis	23	12
Psychosis with cerebral arteriosclerosis	23	8
General paralysis	8	1
Psychosis with cerebral syphilis	1	1
Psychosis with brain tumor	3	..
Psychosis with other brain or nervous diseases—		
Tabes Dorsalis .....	..	1
Encephalitis lethargica	2	4
Alcoholic psychosis—		
Alcoholism acute	1	..
Psychosis with other somatic diseases—		
Post infectious psychosis	2	..
Exhaustion delirium	2	..
Diseases of the ductless glands .....	..	1
Other conditions	2	4
Manic depressive psychosis—		
Manic type	6	8
Depressive type	11	14
Other types	6	3
Involutional melancholia	2	6
Schizophrenia	100	55
Paranoia and paranoid conditions	1	..
Epileptic psychosis	5	13
Psychoneurosis and neurosis—		
Hysterical type .....	..	5
Psychasthenic type .....	..	1
Neurasthenic type .....	..	1
Other types	1	..
Psychoses with psychopathic personality .....	..	1
Psychoses with mental deficiency	2	1
Undiagnosed psychosis	3	3
Without psychosis—		
Epilepsy without psychosis	4	..
Alcoholism without psychosis	6	..
Drug addiction without psychosis	4	3
Mental deficiency without psychosis	8	7
Other conditions	1	3
	227	156
	383	

TABLE NO. 6—NATIVITY OF PATIENTS.

Country	M.	F.	Country	M.	F.	Country	M.	F.
Austria	13	6	Iceland	1	..	Russia	13	5
Belgium .....	..	1	Ireland	6	..	Ruthenia .....	..	1
Canada	99	80	Italy .....	..	3	Scotland	5	3
China	3	..	Jugo-Slavia .....	..	2	Sweden	2	1
Czecho-Slovakia ....	..	1	Lithuania	1	..	Syria	1	..
England	25	17	Newfoundland..	..	1	Ukraine	3	2
France	2	2	Norway	5	2	U.S.A.	21	17
Germany	5	4	Poland	10	7	Wales	1	..
Hungary	7	..	Roumania	1	1	Not determined	3	..
Total	154	111	Total	24	16	Total	49	29
Grand Total.....	383		Total Male	227		Total Female....	156	

TABLE NO. 7.

The following statistics apply to Military Patients received during the year 1933-34

No.	Nativity	Age	Civil Condition	Mental Diagnosis
1.	U.S.A.	59	married	Arteriosclerosis
2.	England	48	single ...	Manic depressive, depressed
3.	England	47	married	Schizophrenia
4.	Canada..	45	married	Epilepsy without psychosis
5.	England	42	married	Psychoneurosis
6.	Canada..	45	single ...	Schizophrenia, hebephrenic
7.	Canada..	36	single ...	Manic depressive, agitated, depressed type
8.	England	49	single ...	Undiagnosed
9.	Canada..	59	widower	Psychosis with other somatic disease— pernicious anaemia
10.	England	57	married	Senile psychosis
11.	Ireland..	60	single ...	Arteriosclerosis
12.	England	48	single ...	Manic depressive, depressed type
13.	Canada..	47	married	Manic depressive
14.	Canada..	42	single ...	G. P. I.
15.	Scotland	53	single ...	Early senile
16.	Wales ..	42	single ...	Paranoid psychosis
17.	England	38	single ...	Schizophrenia, paranoid type
18.	Canada..	46	married	Epilepsy
19.	Canada..	43	married	G. P. I.
20.	Canada..	46	married	Manic depressive—chronic
21.	Russia....	39	single ...	Schizophrenia, paranoid type
22.	England	38	single ...	Schizophrenia

Number remaining in hospital on April 30, 1933	102
Number admitted during the year	22

Total 124

Paroled during the year	9
Died during the year	4
Deported during the year	0
Eloped during the year	1
Transferred during the year	2

Removed from register during the year	16
Remaining in hospital on April 30, 1934	108

TABLE NO. 8—DEPORTATIONS TO OTHER COUNTRIES.

No.	Sex	Age	Civil Condition	Mental Diagnosis	Where Deported	Date
1	M.	33	single....	Schizophrenia, hebephrenic	Poland ..	May 18, 1933
2.	M.	28	single....	Schizophrenia, hebephrenic	Germany	July 10, 1933
3.	M.	30	married	Schizophrenia, hebephrenic	Germany	July 10, 1933
4	M.	42	single....	Schizophrenia, paranoid ...	Poland ..	July 29, 1933
5	M.	39	married	Schizophrenia, hebephrenic	Austria..	Aug. 19, 1933
6	M.	35	single....	General paresis	U.S.A.	Sept. 25, 1933
7	M.	30	single....	Schizophrenia	U.S.A.	Dec. 20, 1933
8	M.	32	married	Schizophrenia, paranoid ...	Czecho-Slovakia	Jan. 20, 1934
9	M.	29	single....	Schizophrenia	Germany	Mar. 2, 1934
10	F.	48	divorced	Epilepsy	U.S.A.	April 20, 1934
11	M.	25	single....	Schizophrenia	Poland ..	April 29, 1934
12	M.	27	single....	Schizophrenia, hebephrenic	England	Nov. 11, 1933

TABLE NO. 9—DEATHS DURING THE YEAR 1933-34.

No.	Age	Sex	Immediate Cause of Death	Predisposition
1	34	M.	Acute intestinal obstruction due to foreign bodies	Dementia praecox
2	58	F.	Cerebral haemorrhage	Psychosis with other somatic disease, arteriosclerosis, diabetes
3	80	M.	Arteriosclerosis	Arteriosclerosis
4	77	M.	Chronic myocarditis and arteriosclerosis	Senile psychosis
5	70	M.	Chronic myocarditis	Psychosis with other somatic disease, cardiac renal
6	18	M.	Septicaemia from atrophic sore sacral region due to lesion of the spinal cord, chronic	Without psychosis — transverse myolitis
7	77	M.	Chronic myocarditis	Arteriosclerotic psychosis
8	60	F.	Carcinoma of the liver and intestines	Schizophrenia
9	55	M.	Chronic myocarditis and chronic nephritis	Schizophrenia
10	51	F.	Chronic myocarditis	Early senile psychosis
11	81	M.	Arteriosclerosis	Dementia praecox
12	67	F.	Pulmonary tuberculosis	Dementia praecox
13	63	F.	Arteriosclerosis	Cerebral arteriosclerosis
14	69	M.	Arteriosclerosis	Cerebral arteriosclerosis
15	76	M.	Cerebral haemorrhage	Arteriosclerotic psychosis
16	63	M.	Chronic myocarditis	Mental deficiency without psychosis
17	32	M.	Pulmonary tuberculosis	Schizophrenia
18	61	F.	Bronchopneumonia, rt. lung	Schizophrenia
19	53	M.	Myocardial degeneration	Manic depressive
20	62	M.	Carcinoma of stomach, chronic nephritis and arteriosclerosis	Senile dementia
21	49	M.	Carbuncle on neck, septicaemia with multiple abscesses in organs	
22	43	M.	Bilateral lobar pneumonia	Arteriosclerosis
23	63	M.	General paresis of the insane.....	Mental defective with seizures, without psychosis
24	23	M.	Pulmonary tuberculosis	General paresis
25	82	M.	Arteriosclerosis	Dementia praecox, defective base
26	55	M.	Myocardial failure due to shock of strangulated hernia	Arteriosclerotic psychosis
				Manic depressive, mixed type

TABLE No. 9—DEATHS DURING THE YEAR 1933-34—*Continued.*

No.	Age	Sex	Immediate Cause of Death	Predisposition
27	77	F.	Chronic myocarditis and chronic endocarditis	Senile psychosis
28	37	F.	Tumor of the brain	Psychosis with other somatic disease—brain tumor
29	38	F.	Chronic endocarditis	Mental defective
30	54	M.	Arteriosclerosis	Schizophrenia, paranoid type
31	29	F.	Pulmonary tuberculosis	Schizophrenia, catatonic type
32	33	F.	Chronic myocarditis, exhaustion due to prolonged mental disturbance	Schizophrenia
33	39	F.	Pulmonary tuberculosis	Dementia praecox
34	21	M.	Acute peritonitis following perforation of bowel due apparently to a chronic inflammatory condition involving appendix, gall bladder and intestines	Schizophrenia, catatonic
35	23	M.	Pulmonary tuberculosis	Schizophrenia, hebephrenic
36	56	F.	Lobar pneumonia	Arteriosclerosis
37	59	F.	Coronary thrombosis	Schizophrenia
38	50	M.	Arteriosclerosis	Schizophrenia
39	78	M.	Arteriosclerosis	Arteriosclerotic psychosis with mental deterioration
40	45	F.	Pulmonary tuberculosis	Schizophrenia
41	64	M.	Carcinoma of prostate gland with metastasis to bladder.....	Schizophrenia
42	45	F.	Chronic myocarditis and coronary thrombosis	Epilepsy
43	72	M.	Arteriosclerosis	Arteriosclerotic psychosis
44	55	F.	Pulmonary tuberculosis	Involucional melancholia
45	46	M.	Acute myocarditis with auricular fibrillation	Psychosis associated with somatic disease, chronic empyema leading to myocarditis, toxic goitre, embolism
46	52	M.	Auricular fibrillation	Manic depressive, manic type
47	75	M.	Arteriosclerosis and chronic myocarditis	Arteriosclerotic psychosis
48	37	F.	Pulmonary tuberculosis	Epilepsy
49	48	F.	Chronic myocarditis	Schizophrenia, hebephrenic
50	68	M.	Arteriosclerosis	Senile dementia
51	47	M.	Pulmonary and peritoneal tuberculosis	Psychosis with somatic disease, acute infective, exhaustive psychosis
52	50	F.	Arteriosclerosis	Involucional melancholia
53	68	M.	Chronic myocarditis and arteriosclerosis	Senile psychosis
54	46	F.	Cellulitis left arm	Involucional melancholia
55	60	M.	Arteriosclerosis and chronic endocarditis	Manic depressive
56	45	F.	Neurovascular syphilis	Psychosis with cerebral syphilis
57	62	M.	Arteriosclerosis	Arteriosclerotic psychosis
58	50	F.	Bilateral lobar pneumonia—influenzal type	Arteriosclerotic psychosis
59	84	M.	Lobar pneumonia	Senile psychosis
60	51	F.	Arteriosclerosis	Schizophrenia with superimposed arteriosclerosis
61	55	M.	Lobar pneumonia	Psychosis with other brain or nervous disease—encephalitis lethargica
62	38	M.	Brain tumor	Psychosis with brain tumor
63	31	F.	Exhaustion of acute mania	Manic depressive, manic type
64	38	F.	Pericarditis with effusion, lobar pneumonia	Mental defective with psychosis
65	63	M.	Arteriosclerosis with cerebral softening	Senile dementia

TABLE NO. 9—DEATHS DURING THE YEAR 1933-34—Continued.

No.	Age	Sex	Immediate Cause of Death	Predisposition
66	60	M.	Lobar pneumonia—chronic bronchitis	Arteriosclerosis
67	44	M.	General paresis of the insane.....	General paralysis
68	58	M.	Hypostatic pneumonia both low- er lobes	Senile psychosis
69	60	M.	Myocarditis with auricular fib- rillation	Senile psychosis
70	50	M.	Lobar pneumonia left lower lobe	Psychosis with brain tumor
71	45	M.	Lobar pneumonia left lung, both lobes	Schizophrenia
72	22	M.	Bilateral otitis media with sinus thrombosis	Schizophrenia, catatonic type
73	70	M.	Auricular fibrillation (chronic nephritis)	Arteriosclerosis
74	67	F.	Arteriosclerosis	Arteriosclerosis
75	33	M.	Septicaemia from varicose ulcers	Schizophrenia
76	15	F.	Epilepsy	Epileptic
77	37	F.	Acute pancreatitis	Psychosis with somatic disease —acute pancreatitis
78	24	M.	Exhaustion of acute psychosis....	Schizophrenia, catatonic type
79	19	M.	Syphilitic encephalitis	Mental defective
80	41	F.	Myelogenesis leukemia.....	Manic depressive
81	44	M.	Left frontal brain tumor— malignant	Psychosis with brain tumor

TABLE NO. 10—RACE OF ADMISSIONS.

Race	M.	F.	Race	M.	F.	Race	M.	F.
Austrian	12	13	Hungarian	9	4	Roumanian	1	1
Belgian .....	..	1	Icelandic	1	..	Russian	17	12
Bukovinian	2	..	Indian			Ruthenian .....	..	1
Chinese	3	..	(American) ..	3	1	Scotch	15	18
Czecho-Slovakian .	..	1	Irish	29	18	Swedish	3	1
Dutch	4	2	Italian .....	..	3	Swiss	1	..
English	50	29	Jugo-Slavic .....	..	2	Syrian	1	..
Finnish	1	..	Lithuanian	1	..	Ukrainian	11	6
French	12	12	Mennonite .....	..	3	Welsh	2	..
Galician	1	..	Norwegian	12	3	Not		
German	18	13	Polish	10	6	determined ..	8	6
Total	103	71	Total	65	40	Total	59	45
Grand Total—383			Total Male —227			Total Female—156		

The Mental Hospital, Weyburn

WEYBURN, August 25, 1934.

F. C. MIDDLETON, M.D., D.P.H.,
Deputy Minister of Public Health.

SIR:

I have the honor to submit to you for your consideration the thirteenth annual report of the Mental Hospital, Weyburn, for the year ended April 30, 1934.

At the end of April, 1933, our records showed a total population of fourteen hundred and sixteen patients,—nine hundred and fifteen male patients, and five hundred and one female patients. As at April 30, 1934, our total population was fifteen hundred and twenty-five patients,—nine hundred and fifty-nine male and five hundred and sixty-six female. Included in this increase were forty-five male patients and thirty female patients transferred to us from the Mental Hospital, Battleford, on January 31, 1934.

From the standpoint of psychoses and mental defect, at the end of May, 1934, we have on our records: male insane, 755; female insane, 360; male defective, 204; female defective, 206. At the end of the previous year these figures were respectively 723, 328, 192, and 173.

While we have tried as far as possible to keep the mental defectives separate from the insane, we have found it increasingly difficult to do so, especially on the female side of the institution, as our female refractory and demented wards are becoming very much overcrowded.

During the last two or three months of the year we had quite an epidemic of influenza of a rather severe type, which especially affected our aged patients and younger children; otherwise the general health of the institution has been very good throughout the year.

Two years ago I called attention to our difficulties here from the standpoint of inadequate water supply. Since that time the supply from the city wells has improved a little in quantity, but the hardness of the water is giving us constant difficulty in our pipe lines throughout the institution. Outdoors we are still finding it very difficult to maintain our shrubbery and flowers, and it is almost impossible in the absence of sufficient rainfall to increase our lawn space. I would recommend that the question of strengthening the present dam on the Souris river be considered. If the necessary arrangements could be made with neighboring farmers we could hold back a supply of water adequate for the needs of our grounds and power house, and we would also be assured of a supply of ice for cooling purposes.

A. D. CAMPBELL, *Superintendent.*

TABLE No. 1.

SHOWING THE MOVEMENT OF PATIENTS FROM MAY 1, 1933, TO APRIL 30, 1934.

				Male	Female	Total
Remaining on our register April 30, 1933				915	501	1,416
Admissions	Male	Female	Total			
First admissions	109	84	193			
Re-admissions	35	29	64			
Transfers from North Battleford Jan. 31, 1934	45	30	75			
Total admitted.....				189	143	332
Total under treatment during the year.....				1,104	644	1,748
Separations during the year	Male	Female	Total			
Paroled	67	41	108			
Died	61	36	97			
Deported	9	1	10			
Eloped	8	..	8			
Total removed from our register				145	78	223
Total remaining on our register April 30, 1934.....				959	566	1,525

The above table is presented to show the movement of all patients with which we had to deal during the year from May 1, 1933, to April 30, 1934, inclusive. In order to present statistics of any value the following tables, two and three, have been prepared in order to differentiate between mental defectives and the mentally deranged.

The following statistics refer solely to the mentally diseased and do not include mental defectives.

Total number admitted	210
Total number discharged	114
Percentage of discharges of admissions	54.285
Total number males admitted	126
Total number males discharged	74
Percentage of discharges of admissions	58.730
Total number of females admitted	84
Total number of females discharged	40
Percentage of discharges of admissions	47.619

The following statistics refer to all patients under treatment in the institution during the year:

Total number of cases under treatment	1,748
Total number of deaths during year	97
Percentage of deaths of cases under treatment.....	5.549

N.B.—Nine male deportations included amongst those discharged.

TABLE NO. 2.

STATISTICS FOR OTHERS THAN MENTAL DEFECTIVES—MAY 1, 1933, TO APRIL 30, 1934.

Months	Admissions		Paroles		Deaths		Deportations		Elopesments	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
<i>1933</i>										
May	11	9	3	..	1	1	..	..	..	..
June	10	8	4	7	3	1	2	..	1	..
July	16	6	5	5	4	1	..	..	2	..
August	16	4	10	6	1	2	..	..	2	..
September	7	5	7	1	6	..	2	..	..	..
October	9	5	4	5	3	1	..	..	..	..
November	11	5	4	2	5	5	..	..	..	..
December	4	13	6	2	4	3	1	..	..	..
<i>1934</i>										
January	7	7	2	3	5	1	2	..	..	..
February	8	8	4	..	3	2	1	..	..	..
March	10	6	5	3	5	4	..	..	..	..
April	17	8	11	6	9	8	1	..	2	..
Transfers from Battleford	36	17								
Total	162	101	65	40	49	29	9	..	7	..
Grand Total	263		105		78		9		7	

TABLE No. 3.
STATISTICS FOR MENTAL DEFECTIVES—MAY 1, 1933, TO APRIL 30, 1934.

Months	Admis- sions		Paroles		Deaths		Deporta- tions		Elope- ments	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
<i>1933</i>										
May	3	2	..	..	..	1	..	..	..	..
June	1	6	..	..	..	..	..	..	..	..
July	1	3	1	1	..	1	..	..	..	..
August	4	4	..	..	..	..	..	..	..	..
September	1	1	..	..	1	..	..	..	..	..
October	1	1	..	..	1	..	..	..	..	..
November	2	3	..	..	..	3	..	..	..	..
December	2	2	..	..	2	..	..	..	..	..
<i>1934</i>										
January	1	1	..	..	..	1	..	..	..	..
February	1	2	..	..	..	..	..	..	1	..
March .....	..	3	..	..	3	..	..	1	..	..
April	1	1	1	..	5	1	..	..	..	..
Transfers from Battleford	9	13	..	..	..	..	..	..	..	..
Total	27	42	2	1	12	7	..	1	1	..
Grand total..	69		3		19		1		1	

TABLE No. 4—CLASSIFICATION OF MENTAL DEFECTIVES.
(1) Admissions. (2) Paroles. (3) Deaths. (4) Deportations. (5) Elopements.

	Admis- sions		Paroles		Deaths		Deporta- tions		Elope- ments	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Idiots	5	8	..	..	6	4	..	..	..	..
Imbeciles	5	11	2	1	4	2	..	1	..	..
Morons	7	7	..	..	2	..	..	..	1	..
Not differentiated	1	3	..	..	..	1	..	..	..	..
Total	18	29	2	1	12	7	..	1	1	..
Grand total..	47		3		19		1		1	

TABLE NO. 5—CLASSIFICATION OF CASES.
 (1) Admissions, (2) Paroles, (3) Deaths, (4) Deportations, (5) Elopements.

Classification	Admis- sions		Paroles		Deaths		Deporta- tions		Elope- ments	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Acute alcoholism	2	..	2	..	..	..	..	..	..	..
Alcoholic psychosis .....	..	..	..	..	..	..	..	..	1	..
Epileptic psychosis	9	2	8	..	4	2	..	..	..	..
General paralysis of the insane..	4	..	2	..	3	2	..	..	..	..
Involuntional melancholia	2	1	..	..	..	..	..	..	..	..
Manic depressive psychosis:										
Manic type	6	9	5	4	..	1	..	..	..	..
Depressed type	12	9	9	5	..	1	..	..	..	..
Mixed type	2	3	1	1	..	..	..	..	..	..
Paranoia	2	..	..	..	..	..	..	..	..	..
Psychoneuroses and neuroses.....										
Neurasthenic type	2	1	1	2	..	..	..	..	..	..
Hysterical type .....	..	1	1	3	..	..	..	..	..	..
Psychasthenic type .....	..	1	..	1	..	1	..	..	..	..
Psychosis with cerebral arterio- sclerosis	9	1	..	..	12	3	..	..	..	..
Psychosis with cerebral syphilis	..	1	..	..	..	..	..	..	..	..
Psychosis with other brain or nervous diseases:										
(a) Encephalitis lethargica....	2	1	1	..	1	1	..	..	1	..
(b) Huntington's chorea .....	..	..	..	..	2	..	..	..	..	..
(c) Multiple sclerosis .....	..	..	..	..	1	..	..	..	..	..
Psychoses with other somatic dis- eases:										
(a) Cardiorenal disease	1	..	..	..	2	..	..	..	..	..
(b) Hyperthyroidism .....	..	1	..	..	..	..	..	..	..	..
(c) Puerperal state .....	..	1	..	1	..	..	..	..	..	..
(d) Pulmonary tuberculosis...	..	2	..	..	..	2	..	..	..	..
(e) Starvation, gradual	1	..	1	..	..	..	..	..	..	..
Psychosis with psychopathic per- sonality	1	..	1	..	..	..	..	..	..	..
Psychosis with mental deficiency	1	12	2	4	..	..	..	..	..	..
Senile psychosis:										
Senile type	12	4	4	..	10	7	..	..	..	..
Presenile type	1	1	..	..	..	..	..	..	..	..
Schizophrenia:										
Catatonic type	10	10	2	3	..	3	3	..	1	..
Hebephrenic type	24	16	14	10	7	5	4	..	2	..
Paranoid type	16	4	8	5	7	..	1	..	2	..
Not differentiated	3	2	..	..	..	..	..	..	..	..
Defective base	1	..	..	..	..	1	1	..	..	..
Traumatic psychosis	1	..	..	..	..	..	..	..	..	..
Without psychosis:										
Mental deficiency	18	29	2	2	12	7	..	1	1	..
Psychopathic personality .....	..	1	..	..	..	..	..	..	..	..
Observation	1	..	1	..	..	..	..	..	..	..
Drug addiction	1	..	2	..	..	..	..	..	..	..
Total	144	113	67	41	61	36	9	1	8	..
Grand total	257		108		97		10		8	

TABLE NO. 6—DEATHS FROM MAY 1, 1933, TO APRIL 30, 1934.

No.	Sex	Age	Psychosis	Duration of psychosis	Cause of death
1	F.	46	Epileptic psychosis	10 years	Cerebral hæmorrhage and status epilepticus.
2	M.	47	Schizophrenia (hebephrenic)	12 years	Septic cellulitis of neck.
3	F.	6	Mental deficiency (idiocy)	From birth ..	Influenza and broncho-pneumonia.
4	M.	66	Senile psychosis	3 years	Exhaustion of psychosis.
5	F.	45	Schizophrenia (defective base)	19 years	Myocarditis.
6	M.	61	Psychosis with cerebral arteriosclerosis	10 years	Cerebral hæmorrhage.
7	M.	79	Psychosis with cerebral arteriosclerosis	9 years	Exhaustion of psychosis
8	M.	63	Schizophrenia (paranoid)	15 years	Exhaustion of psychosis and diabetes.
9	F.	11	Mental deficiency (idiocy)	From birth ..	Influenza and broncho-pneumonia.
10	M.	51	Schizophrenia (paranoid)	13 years	Acute ascending paralysis (Landry's).
11	M.	70	Senile psychosis	12 years	Bronchopneumonia.
12	M.	80	Senile psychosis	2 years	Senility.
13	F.	26	Schizophrenia (catatonic)	4 years	Exhaustion of psychosis.
14	M.	31	Psychosis with somatic disease (cardiorenal)	1 year	Cardiac decompensation V.D.H.
15	F.	46	Schizophrenia (hebephrenic)	28 years	Cardiac decompensation V.D.H.
16	F.	39	Psychosis with tuberculosis	2 years	Pulmonary tuberculosis.
17	M.	72	Schizophrenia (paranoid)	21 years	Senility and lues.
18	M.	70	Psychosis with cerebral arteriosclerosis	17 years	Myocarditis.
19	M.	16	Mental deficiency (idiocy)	From birth ..	Acute pulmonary tuberculosis.
20	M.	66	Psychosis with multiple sclerosis	3 years	Multiple sclerosis.
21	M.	38	General paralysis	3 years	General paralysis of the insane.
22	M.	47	Schizophrenia (hebephrenic)	23 years	Pulmonary tuberculosis.
23	M.	46	Schizophrenia (paranoid)	11 years	Splenomegaly and cirrhosis of liver.
24	M.	13	Mental deficiency and epilepsy	From infancy	Inanition secondary to mental deficiency and epilepsy.
25	M.	50	General paralysis of the insane	8 months ...	Cerebral hæmorrhage and luetic convulsions.
26	M.	51	Epileptic psychosis	17 years	Lobar pneumonia.
27	M.	73	Senile psychosis	3½ years ...	Exhaustion of psychosis.
28	F.	75	Senile psychosis	7½ years ...	Exhaustion of psychosis.
29	F.	77	Senile psychosis	7 years	Exhaustion of psychosis.
30	F.	47	Schizophrenia (hebephrenic)	12½ years ...	Pulmonary tuberculosis.

TABLE No. 6—DEATHS FROM MAY 1, 1933, TO APRIL 30, 1934.—*Continued.*

No.	Sex	Age	Psychosis	Duration of psychosis	Cause of death
31	M.	30	Psychosis with encephalitis	2 years	Encephalitis of unknown etiology.
32	F.	84	Senile psychosis	3½ years	Influenza.
33	M.	46	Psychosis with cerebral arteriosclerosis	6 years	V.D.H. and hemiplegia.
34	M.	61	Psychosis with cerebral arteriosclerosis	2 years	Bronchopneumonia and cerebral hæmorrhage.
35	F.	36	Epileptic psychosis	3 years	Influenzal pneumonia, epilepsy, hemiplegia.
36	F.	11	Mental deficiency (idiocy)	From birth ..	Influenza.
37	F.	19	Mental deficiency (imbecile)	From childhood ..	Influenza.
38	M.	45	Epileptic psychosis	11 years	Cerebral hæmorrhage.
39	M.	57	Psychosis with Huntington's chorea	10 years	Exhaustion of Huntington's chorea.
40	F.	16	Mental deficiency and epilepsy	From infancy	Pulmonary tuberculosis.
41	F.	24	Schizophrenia (catatonic)	8 months	Exhaustion of psychosis.
42	F.	52	Psychosis with pulmonary tuberculosis	3 weeks	Bronchopneumonia.
43	F.	55	General paralysis of the insane	2½ years	General paralysis of the insane.
44	M.	20	Mental deficiency (moron)	From birth ..	Tuberculous meningitis.
45	M.	48	Schizophrenia (hebephrenic)	7 years	Influenza.
46	M.	68	Psychosis with cerebral arteriosclerosis	1 year	Cerebral hæmorrhage.
47	M.	33	Epileptic psychosis	4 years	Influenzal bronchopneumonia.
48	F.	70	Schizophrenia (hebephrenic)	38 years	Exhaustion of dementia.
49	M.	76	Senile psychosis	8 months	Cardiac decompensation and bronchial asthma.
50	M.	18	Mental deficiency (idiot)	From birth ..	Influenza.
51	F.	16	Mental deficiency (imbecile)	From birth ..	Luetic convulsions, congenital syphilis.
52	M.	14	Epileptic psychosis	7 years	Status epilepticus.
53	M.	64	Psychosis with cerebral arteriosclerosis	6 years	Cardiac decompensation, V.D.H.
54	M.	60	Psychosis with cerebral arteriosclerosis	4 years	Cerebral hæmorrhage.
55	M.	65	Psychosis with cerebral arteriosclerosis	5 years	Impacted hernia and endocarditis.
56	F.	50	Psychoneurosis (hysterical)	2½ years	Myocarditis following influenza.
57	M.	85	Senile psychosis	3 years	Exhaustion of psychosis.
58	F.	50	Psychosis with cerebral arteriosclerosis	2½ years	Cerebral hæmorrhage.
59	F.	47	Schizophrenia (hebephrenic)	18 years	Pulmonary tuberculosis.

TABLE NO. 6—DEATHS FROM MAY 1, 1933, TO APRIL 30, 1934.—*Continued.*

No.	Sex	Age	Psychosis	Duration of psychosis	Cause of death
60	M.	79	Senile psychosis	10 years	Cardiac decompensation. V.D.H.
61	M.	73	Psychosis with cerebral arteriosclerosis	5½ years	Cardiac decompensation. V.D.H.
62	M.	73	Senile psychosis	1½ years	Exhaustion of psychosis.
63	F.	89	Senile psychosis	3 months	Influenzal broncho- pneumonia.
64	M.	65	Psychosis with Hunting- ton's chorea	7½ years	Exhaustion of Hunting- ton's chorea.
65	M.	85	Senile psychosis	2 years	Influenzal broncho- pneumonia.
66	M.	76	Psychosis with cardio- renal disease	3 months	Cardiac decompensation and nephritis.
67	M.	61	Mental deficiency (imbecile)	From birth....	Influenzal broncho- pneumonia.
68	F.	20	Schizophrenia (catatonic)	9 months	Acute pulmonary tuber- culosis.
69	M.	57	Schizophrenia (hebephrenic)	26 years	Influenzal broncho- pneumonia.
70	F.	21	Schizophrenia (hebephrenic)	5½ years	Pulmonary tuberculosis.
71	M.	21	Mental deficiency (imbecile)	From birth ..	Influenzal bronchopneu- monia and pulmonary tuberculosis.
72	M.	10	Mental deficiency (idiot)	From birth ..	Influenza.
73	F.	65	Psychosis with cerebral arteriosclerosis	3½ years	Exhaustion of psychosis and gastric ulcer.
74	M.	69	Psychosis with cerebral arteriosclerosis	8 years	Influenzal broncho- pneumonia.
75	M.	43	Schizophrenia (hebephrenic)	21 years	Influenzal broncho- pneumonia.
76	M.	63	General paralysis	10 years	Influenza and general paralysis of the insane
77	M.	70	Schizophrenia (paranoid)	21 years	Carcinoma of pancreas.
78	F.	80	Senile psychosis	8 years	Exhaustion of psychosis.
79	M.	46	Schizophrenia (hebephrenic)	10 years	Bronchopneumonia.
80	F.	77	Senile psychosis	11 years	Influenza.
81	M.	30	Mental deficiency (moron)	From birth....	Epileptic convulsions and congenital heart disease.
82	M.	18	Mental deficiency (imbecile)	From infancy	Influenza.
83	M.	41	Mental deficiency (imbecile)	From birth....	Lobar pneumonia.
84	M.	15	Mental deficiency (idiot)	From birth....	Influenza.
85	F.	79	Psychosis with cerebral arteriosclerosis	6 years	Thrombosis of coronary artery.
86	F.	13	Mental deficiency (idiot)	From birth....	Lobar pneumonia.

TABLE NO. 6—DEATHS FROM MAY 1, 1933, TO APRIL 30, 1934.—*Continued.*

No.	Sex	Age	Psychosis	Duration of psychosis	Cause of death
87	F.	28	Psychosis with encephalitis lethargica	13 years	Influenza.
88	M.	47	Schizophrenia (paranoid)	15 years	Influenzal broncho-pneumonia.
89	F.	69	Senile psychosis	1½ years....	Exhaustion of psychosis.
90	M.	76	Senile psychosis	2 years	Influenza.
91	M.	61	Schizophrenia (paranoid)	21 years	Influenza.
92	F.	54	General paralysis	3 years	General paralysis.
93	F.	65	Manic depressive (depressive)	Recurrent, many years	Myocarditis and exophthalmic goitre.
94	M.	56	Schizophrenia (hebephrenic)	21 years	Cerebral hæmorrhage and arteriosclerosis.
95	M.	43	Mental deficiency (idiot)	From birth ..	Exhaustion of tuberculous hip.
96	M.	69	Psychosis with cerebral arteriosclerosis	1 month	Cardiac decompensation and Bright's disease.
97	F.	52	Manic depressive (manic)	2½ month ..	Influenza and acute mania.

TABLE No. 7—NATIVITY OF PATIENTS.

(1) Admissions, (2) Paroles, (3) Deaths, (4) Deportations, (5) Elopements.

	Admiss.		Paroles		Deaths		Deport.		Elope.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Austria	7	6	3	3	2	1	....	....	1	....
Belgium .....	....	....	....	....	....	1	....	....	....	....
Bohemia .....	....	....	....	....	1	....	....	....	....	....
Bukovina .....	....	1	....	1	1	....	....	....	....	....
Bulgaria	1	....	....	....	....	....	....	....	....	....
Canada	64	69	27	17	31	19	....	....	4	....
China	3	....	2	....	1	....	....	....	....	....
Czecho-Slovakia .....	....	....	....	1	....	....	....	....	....	....
Denmark .....	....	1	....	1	....	....	....	....	....	....
England	16	11	3	8	8	2	2	....	....	....
Esthonia .....	....	1	....	....	....	....	....	....	....	....
France	1	....	....	....	2	....	....	....	....	....
Galicia	1	....	....	....	2	....	....	....	1	....
Germany	1	2	....	2	1	....	....	....	....	....
Hungary	2	3	....	1	1	....	....	....	1	....
Iceland .....	....	1	....	....	....	....	....	....	....	....
Ireland	3	....	2	....	....	1	....	....	....	....
Italy	1	....	....	....	....	....	....	....	....	....
Jugo-Slavia	1	....	....	....	....	....	1	....	....	....
Lithuania	1	....	....	....	....	....	....	....	....	....
Newfoundland .....	....	....	....	....	....	1	....	....	....	....
Norway	2	....	4	....	2	1	....	....	....	....
Poland	3	4	4	2	....	2	3	....	....	....
Roumania	1	1	....	....	....	1	....	....	....	....
Russia	10	5	6	1	1	....	....	....	....	....
Scotland	5	....	5	1	1	1	....	....	1	....
Serbia	1	....	....	....	....	....	1	....	....	....
Sweden	2	1	....	1	1	1	....	....	1	....
Switzerland	1	....	1	....	....	....	....	....	....	....
Ukraine	2	....	....	....	....	....	1	....	....	....
U. S. A.	15	7	10	2	6	5	1	1	....	....
Total	144	113	67	41	61	36	9	1	8	....
Grand total	257		108		97		10		8	

TABLE No. 8—SHOWING AGE OF:

(1) Admissions, (2) Paroles, (3) Deaths, (4) Deportations, (5) Elopements.

Age	Admiss.		Paroles		Deaths		Deport.		Elope.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1- 9 inclusive	8	8	1	....	....	1	....	....	....	....
10-19 inclusive	15	18	3	1	7	6	1	....	....	....
20-29 inclusive	29	26	16	9	2	5	3	1	1	....
30-39 inclusive	24	22	18	13	5	2	4	....	4	....
40-49 inclusive	22	19	13	10	11	5	1	....	2	....
50-59 inclusive	24	10	11	8	6	6	....	....	1	....
60-69 inclusive	13	5	3	....	15	3	....	....	....	....
70-79 inclusive	7	2	1	....	12	5	....	....	....	....
80-89 inclusive	2	3	1	....	3	3	....	....	....	....
Total	144	113	67	41	61	36	9	1	8	....
Grand total	257		108		97		10		8	

TABLE NO. 9—DEPORTATIONS TO OTHER COUNTRIES FOR THE YEAR MAY 1, 1933, TO APRIL 30, 1934.

No.	Sex	Civil condi- tion	Age	Mental diagnosis	Where deported	Date
1	M	S	19	Schizophrenia (hebephrenic) ..	England	June 4, 1933
2	M	S	33	Schizophrenia (paranoid)	England	June 9, 1933
3	M	S	24	Schizophrenia (hebephrenic) ..	Serbia	Sept. 2, 1933
4	M	M	49	Schizophrenia (defective base)	Poland	Sept. 2, 1933
5	M	S	27	Schizophrenia (catatonic)	Jugo- Slavia	Dec. 30, 1933
6	M	S	34	Schizophrenia (catatonic)	Poland	Jan. 6, 1934
7	M	M	28	Schizophrenia (catatonic)	Ukraine	Jan. 6, 1934
8	M	M	30	Schizophrenia (hebephrenic) ..	Poland	Feb. 16, 1934
9	M	S	36	Schizophrenia (paranoid)	U. S. A.	Apr. 26, 1934
10	F	S	23	Mental deficiency (imbecile) ..	U. S. A.	Mar. 16, 1934

TABLE NO. 10—COMPARATIVE STATEMENT FROM OPENING OF INSTITUTION TO APRIL 30, 1934.

	1921 -22	1922 -23	1923 -24	1924 -25	1925 -26	1926 -27	1927 -28	1928 -29	1929 -30	1930 -31	1931 -32	1932 -33	1933 -34
Admissions (in- cluding transfers from other hospitals	607	341	254	270	271	275	240	385	307	395	285	245	332
Paroles	21	146	113	112	143	138	100	121	137	124	105	93	108
Deaths	11	90	58	60	65	67	68	96	70	59	79	77	97
Deportations	2	6	10	11	15	13	17	24	21	24	15	7	10
Elolements .....	....	5	7	1	1	3	6	4	1	1	2	6	8
Transfers to other institutions .....	....	1	3	....	....	....	....	....	....	....	....	....	....
Total remaining on register	573	666	729	815	862	916	965	1,005	1,083	1,270	1,354	1,416	1,525

Psychopathic Ward Report

REGINA, *January 23, 1934.*

DR. F. C. MIDDLETON,
Deputy Minister of Public Health.

SIR:

I beg to report on the work of the psychopathic ward for the calendar year 1933. The usual schedules have been prepared and are submitted herewith.

During the year we gave some 6,004 hospital days of treatment, which is a decrease of 362 days from the year 1932. On January 1, 1933, there were eighteen patients in the ward, and there were one hundred and fifty admitted during the year, making a total of one hundred and sixty-eight cases. The average length of stay per patient was, therefore, 35.7 days.

DISPOSITION OF PATIENTS

Schedule No. 1 sets out in detail the disposition of the one hundred and sixty-eight cases with which we dealt in the past year. Of these, eighteen were in the ward undergoing treatment on the first day of the year, and a further one hundred and fifty were admitted, as previously mentioned. You will note that one hundred and four patients returned to their homes as improved. There were six patients discharged to go to their homes, but we did not consider that they were at all improved. Nine patients were admitted for the purpose of observation and diagnosis, and in most cases they were suffering from some organic nervous disease. There were five patients transferred to the Regina General Hospital for further treatment and there were twenty-six patients committed to the mental hospital, fifteen of the latter being admitted for the express purpose of having their commitment papers made out. During the year we had eight deaths, and schedule No. 2 sets out the causes and the post mortem findings.

RE-ADMISSIONS

Under this heading we have included all people who had previously undergone treatment in the psychopathic ward. There were twenty-three re-admissions, and of these, seventeen were re-admitted on one occasion, while three patients were re-admitted twice.

As the years pass and we give treatment to a number of people, we may expect that our re-admissions will increase. This is accounted for by the fact that when patients have once received treatment and are satisfied, they are most likely to come back when their trouble returns.

SEX

Again it is to be noted that there is very little difference in the preponderance of either sex in the cases admitted. During the past year there were seventy-three males and seventy-seven females.

AGE

In regard to the ages of patients we have followed a similar analysis to that of last year, and schedule No. 3 outlines the ages and the number of cases in each group.

CLASSIFICATION OF MENTAL DISEASES

We have again followed the accepted classification, as given in schedule No. 4. There is still the usual preponderance in certain classifications, namely, the manic depressive types and dementia praecox class. The other most common type is what is often termed the borderline type, that is the psychoneuroses, and in this we had thirty cases, which is our largest number.

FINANCIAL STATEMENT

JANUARY—DECEMBER, 1933

Total operating expenses	\$17,410.23
Collections from patients	\$11,135.45
Government grant at \$1.00 per day.....	6,004.00
	<hr/>
	\$17,139.45
Difference between cost of operation and revenue.....	\$ 270.78
Cost per patient per day—	\$2.89.

It will be noted that our earnings, as represented in the charges to patients, amounted to \$18,422.75, and our total operating costs were \$17,410.23. During the year we collected \$11,135.45 from patients and the government grant amounted to \$6,004.00, making a total of receipts from these two sources of \$17,139.45. These did not balance with the cost of operation by an amount of \$270.78, which was the sum required to be made up by the government during the past year. As we go on, building up a reserve of uncollected accounts and maintaining our collections at the rate which we have done during our three years of operation, the operating cost is coming closer to balancing with the receipts from patients and the government grant.

We have not changed the number of beds (28) which we are utilizing for this work. During the past calendar year, we have not had as many admissions as in the previous twelve months; this is probably due to the general conditions existing in the province. There are times when mental diseases seem to be more prevalent than at others. Within ten days from the time, in December of 1933, when we had our lowest number of nine patients, we reached almost our largest number of twenty-four, early in January of 1934. One cannot predict what the demand will be on this account, but looking back over the various months our average runs fairly steadily, somewhere between sixteen and twenty.

I have the honor to be,

Your obedient servant,

O. E. ROTHWELL, M.D.,

Director, Psychopathic Department.

SCHEDULE No. 1.

Disposition of Patients

Patients in hospital, January 1, 1933	18
Patients admitted during 1933	150
	<hr/>
Total cases dealt with during 1933	168
	<hr/>

Discharges

Returned home, improved	104	61.9%
Returned home, unimproved	6	3.5%
In for observation and diagnosis only	9	5.3%
	<hr/>	
	119	
	<hr/>	
Transferred to Regina General Hospital for further treatment	5	3.0%
Transferred to mental hospital	26	15.4%
Patients died in hospital	8	4.7%
Patients remaining in hospital, Dec. 31, 1933	10	6.0%
	<hr/>	
	49	168

SCHEDULE No. 2.

DEATHS

No.	Cause	P. M. Findings
384	Pneumonia	No P. M.
411	Brain tumor	1. Brain tumor.
		2. Hydrocephalus.
416	Brain tumor	1. Degenerative brain tumor.
		2. Chronic nephritis.
		3. Arteriosclerosis.
		4. Chronic myocarditis.
437	Exhaustion	No P. M.
412	Pyelonephrosis	No P. M.
435	Brain tumor	No P. M.
468	Cardiac failure	No P. M.
480	Coronary thrombosis	1. Brain tumor.
		2. Chronic nephritis.
		3. Oedema and congestion of the lungs.

SCHEDULE No. 3—AGES OF PATIENTS.

<i>1-15 years</i>	<i>16-35 years</i>	<i>36-55 years</i>	<i>From 56 on</i>	<i>Total</i>
1-7 years	2-16 years	6-36 years	4-56 years	
1-12 "	5-17 "	5-38 "	1-57 "	
2-14 "	3-18 "	6-39 "	1-58 "	
	2-19 "	4-40 "	1-60 "	
	5-20 "	5-41 "	2-61 "	
	3-21 "	4-42 "	1-62 "	
	4-22 "	4-44 "	2-64 "	
	3-23 "	7-45 "	1-68 "	
	2-25 "	1-46 "	1-69 "	
	3-26 "	4-47 "	1-70 "	
	4-28 "	5-48 "	2-76 "	
	4-29 "	2-49 "	2-77 "	
	2-30 "	2-50 "	2-78 "	
	5-32 "	5-51 "	1-84 "	
	3-33 "	3-52 "		
	3-34 "	2-53 "		
	1-35 "	5-54 "		
<hr/> 4 <hr/>	<hr/> 54 <hr/>	<hr/> 70 <hr/>	<hr/> 22 <hr/>	<hr/> 150 <hr/>

SCHEDULE No. 4.

CLASSIFICATION OF MENTAL DISEASES.

<i>Class</i>	<i>No.</i>
1. Traumatic psychoses	1
2. Senile psychoses	5
3. Psychoses with cerebral arteriosclerosis	5
4. General paralysis	2
5. Psychoses with cerebral syphilis	4
6. Psychoses with Huntington's chorea .....	....
7. Psychoses with brain tumor	6
8. Psychoses with other brain or nervous diseases	2
9. Alcoholic psychoses	3
10. Psychoses due to drugs or other exogenous toxins	2
11. Psychoses with pellagra .....	....
12. Psychoses with other somatic diseases	11
13. Manic-Depressive psychoses—	
(a) Manic	8
(b) Depressive	6
(c) Manic-Depressive	3
	<hr/> 17
14. Involution melancholia	12
15. Dementia praecox	26
16. Paranoia and paranoid conditions .....	....
17. Epileptic psychoses	2
18. Psychoneuroses and neuroses	30
(a) Hysterical type	16
(b) Psychasthenic type	10
(c) Neurasthenic type	4
(d) With somatic diseases .....	....
19. Psychoses with psychopathic personality	0
20. Psychoses with mental deficiency	2
21. Undiagnosed psychoses	1
22. Without psychoses	19
	<hr/> 150 <hr/>

COMPARATIVE STATEMENT
From Opening of Institution until December 31, 1933.

	1931	1932	1933
Admissions	188	202	150
Deaths	2	8	8
Deportations .....	....	....	....
Elopements .....	....	....	....
Transfers	34	25	26
Discharges	138	164	124
Total remaining on register	13	18	10

	Admis- sions		Dis- charges		Deaths		Deport- ations		Trans- fers		Average No. per day
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1933											
January	7	1	5	5	1	..	....	....	1	..	15.68
February	6	7	5	3	..	..	....	....	..	..	14.7
March	6	9	3	5	1	.	....	....	2	4	20.4
April	3	5	7	2	1	..	....	....	1	..	18.3
May	6	5	2	5	..	1	....	....	1	1	15.4
June	6	10	6	8	..	1	....	....	..	1	15.9
July	8	7	2	6	1	..	....	....	1	2	17.5
August	9	4	8	5	1	1	....	....	2	1	15.5
September ..	5	5	4	3	..	..	....	....	..	1	16.1
October	7	7	8	6	..	..	....	....	2	1	14.36
November ..	8	10	6	6	..	..	....	....	1	..	13.4
December	2	7	5	9	..	..	....	....	1	3	14.8
	73	77	61	63	5	3	....	....	12	14	16.0
	150		124		8		....		26		

NATIONALITIES OF PATIENTS ADMITTED FROM JANUARY 1 TO DECEMBER 31, 1933.

Race	Male	Female	Total
English	17	27	44
Irish	12	10	22
German	8	14	22
Scotch	13	6	19
Austrian	3	5	8
Welsh	3	3	6
Swedish	3	3	6
Ukrainian	4	1	5
French	3	..	3
Serbian	2	..	2
Hungarian	1	1	2
Polish .....	..	2	2
American	2	..	2
Norwegian	1	..	1
Roumanian	1	..	1
Belgian .....	..	1	1
Lithuanian .....	..	1	1
Icelandic .....	..	1	1
Slovakian .....	..	1	1
Dutch .....	..	1	1
	73	77	150

COMPARATIVE STATEMENT, 1933.

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Number of patients on register, Jan. 1, 1933.....	10	8	18
<i>Admissions—</i>			
First admissions	61	66	127
Re-admissions	12	11	23
Total cases under care during the year	83	85	168
<i>Disposition of cases during the year—</i>			
Discharged	61	63	124
Deported .....	...	...	...
Died	5	3	8
Transferred	12	14	26
Total removed from register during the year.....	78	80	158
Total remaining on register, Dec. 31, 1933	5	5	10

Total admissions during the year 1933	150
Total discharges during the year 1933	124
Percentage of discharges of admissions	82.6%
Males admitted during the year 1933	73
Males discharged during the year 1933	61
Percentage of discharges of admissions	83.6%
Females admitted during the year 1933	77
Females discharged during the year 1933	63
Percentage of discharges of admissions	81.8%
Total number of cases treated during the year	168
Total number of deaths during the year	8
Percentage of deaths of cases treated	4.8%

Vital Statistics Division

REGINA, December 1, 1934

R. O. DAVISON, M.D.,
Deputy Minister of Public Health.

SIR:

I have the honor to submit herewith the report of the Vital Statistics Division for the calendar year 1933.

The Dominion Bureau of Statistics has been supplied, as in previous years, with transcripts of all birth, marriage and death records. Most of the tables in this report have been prepared from these transcripts by the Ottawa office, and are the same as the tables published in the Dominion Report of Vital Statistics.

There were 33,707 registrations made during 1933. This was a numerical decrease of 778. Births, marriages and deaths registered after a period of one year or more had elapsed between the date of the event and the date of registration numbered 612, a decrease of 132 compared with the previous year.

The temperature, precipitation, and hours of sunshine are given for three representative points in each of the eight sanitary districts. Figures for these tables were obtained through the courtesy of the Meteorological Service of the Dominion.

During the 1933 session of the Legislative Assembly The Marriage Act 1933 was enacted. This Act came into force on the first day of July, 1933, and is being administered by the Vital Statistics Division, under the direction of the Minister of Public Health.

At the same session of the Legislative Assembly The Marriage Act 1930 was repealed. This Act was administered by the Department of the Provincial Secretary.

The Marriage Act 1933 provides that marriage licenses be issued by the Vital Statistics Division. From the first of July to the end of the year, 2,273 licenses were issued, producing a revenue of \$9,092.00.

Under the new Act, a period of seven days must elapse between the date of signing the application and the issuing of the license. Also, a health certificate must be produced by the bridegroom for examination by the license issuer at the time of application. In the case of a marriage under the authority of banns, the health certificate must be produced for examination by the clergyman before the first publication of the banns.

Respectfully submitted,

D. K. LAFLAMME,
Director, Vital Statistics Division.

• POPULATION.

The estimated population of the province at June 1, 1933, was 951,000. These figures were supplied by the Dominion Bureau of Statistics. This shows an increase of 18,000 over the year 1932.

TABLE I—ESTIMATED POPULATION OF SASKATCHEWAN BY MUNICIPALITIES, 1933.

Urban population	192,043	Villages	79,961
Rural population	758,957	Rural municipalities	650,432
Cities	153,737	Province	951,000
Towns	66,870		

NOTE.—Cities and towns with a population of 1,000 or over are classified as urban centres.

TABLE II—ESTIMATED POPULATION OF THE CITIES OF SASKATCHEWAN, 1933.

Moose Jaw	21,974	Swift Current	5,464
North Battleford	6,176	Weyburn	5,160
Prince Albert	10,219	Yorkton	5,186
Regina	54,895		
Saskatoon	44,663	Total	153,737

TABLE III
ESTIMATED POPULATION OF SASKATCHEWAN BY SEX AND AGE PERIODS, 1933.

<i>Age Period</i>	<i>Male</i>	<i>Female</i>	<i>Total</i>
Under five years	55,164	53,398	108,562
Five to nine years	58,147	56,587	114,734
Ten to fourteen years	57,368	56,155	113,523
Fifteen to nineteen years	53,294	50,941	104,235
Twenty to twenty-nine years ...	84,488	69,601	154,089
Thirty to thirty-nine years	66,754	54,202	120,956
Forty to forty-nine years	69,137	46,354	115,491
Fifty to fifty-nine years	41,879	26,553	68,432
Sixty to sixty-nine years	19,175	13,421	32,596
Seventy to seventy-nine years....	8,537	6,452	14,989
Eighty and over	1,703	1,495	3,198
Unknown	132	63	195
Total	515,778	435,222	951,000

DOMINION TABLES.

A number of tables published by the Dominion Bureau of Statistics, and giving various rates for all the provinces, are reproduced here.

According to these tables, the birth rate is decreasing in every province of the Dominion.

The marriage rate also is decreasing in this province. Saskatchewan is the only province to show a decrease in the number of marriages in 1933. Only two provinces have a lower marriage rate, Prince Edward Island and Quebec.

The death rate for this province continues to decrease, and is still the lowest in the Dominion. Compared with 1932, a decrease is shown for all the provinces, except New Brunswick and Manitoba, where slight increases were registered, and British Columbia, where the rate remained the same.

The natural increase rate of 14.8 per 1,000 of population is the second highest in the Dominion. Quebec has the highest rate, 15.2, and British Columbia the lowest, 4.7.

The table dealing with certain causes of death shows that this province has the lowest death rates for tuberculosis, cancer, and diseases of the heart.

TABLE IV—ESTIMATED POPULATION AS AT JUNE 1, 1933.

Canada	10,681,000	Manitoba	722,000
Prince Edward Island	89,000	Saskatchewan	951,000
Nova Scotia	522,000	Alberta	757,000
New Brunswick	420,000	British Columbia	712,000
Quebec	2,970,000	Yukon	4,000
Ontario	3,524,000	Northwest Territories	10,000

TABLE V—NATURAL INCREASE IN THE DOMINION PER 1,000 POPULATION, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	13.0	8.7	9.0	13.3	17.0	9.8	13.4	17.4	15.8	6.9
1930....	13.2	9.0	10.0	13.6	16.9	10.0	12.6	17.4	17.1	6.6
1931....	13.1	10.9	11.0	15.1	17.1	9.8	12.9	16.5	16.4	6.2
1932....	12.6	11.0	10.5	15.2	16.9	8.7	12.4	15.8	15.5	5.8
1933....	11.3	10.3	9.8	12.2	15.2	8.0	10.8	14.8	14.1	4.7

TABLE VI—BIRTHS IN THE DOMINION (EXCLUSIVE OF STILLBIRTHS)
RATE PER 1,000 POPULATION, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	24.1	19.7	21.4	25.8	30.5	21.0	21.7	24.7	24.2	16.2
1930....	23.9	19.9	22.1	25.9	29.6	21.0	20.9	24.4	24.9	16.1
1931....	23.2	21.3	22.6	26.5	29.1	20.2	20.5	23.1	23.6	15.0
1932....	22.5	22.8	22.4	26.2	28.3	19.2	19.9	22.3	23.0	14.5
1933....	20.9	21.9	21.3	23.9	25.9	18.0	18.4	21.2	21.1	13.4

TABLE VII—MARRIAGES IN THE DOMINION. RATE PER 1,000 POPULATION, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	7.3	5.4	6.3	7.4	6.9	7.8	7.5	7.0	8.0	7.5
1930....	7.0	5.5	6.7	6.8	6.6	7.6	7.3	6.3	7.5	6.9
1931....	6.4	5.6	6.6	6.2	5.8	6.9	7.0	6.2	7.0	5.6
1932....	6.0	5.1	6.2	5.8	5.2	6.4	6.7	6.2	6.8	5.1
1933....	6.0	5.4	6.3	6.0	5.2	6.4	6.7	5.6	7.1	5.7

TABLE VIII—DEATHS IN THE DOMINION. RATE PER 1,000 POPULATION, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	11.1	11.0	12.4	12.5	13.5	11.2	8.3	7.3	8.4	9.3
1930....	10.7	10.9	12.1	12.3	12.7	11.0	8.3	7.0	7.8	9.5
1931....	10.1	10.4	11.6	11.4	12.0	10.4	7.6	6.6	7.2	8.8
1932....	9.9	11.8	11.9	11.0	11.4	10.5	7.5	6.5	7.5	8.7
1933....	9.6	11.6	11.5	11.7	10.7	10.0	7.6	6.3	7.0	8.7

TABLE IX—DEATH RATES PER 100,000 POPULATION IN THE DOMINION FROM CERTAIN SPECIFIED CAUSES, 1933.

Province	Diphtheria	Influenza	Tuberculosis All kinds.	Cancer	Diseases of the Heart	Pneumonia	Diarrhoea and Enteritis	Automobile Accidents
Prince Edward Island..	3	52	81	108	163	81	18	2
Nova Scotia	2	54	91	122	158	84	19	9
New Brunswick	3	55	84	107	156	95	27	5
Quebec	4	43	98	92	129	67	67	9
Ontario	1	35	41	115	188	62	21	12
Manitoba	3	37	57	93	108	51	18	5
Saskatchewan	2	34	31	62	81	43	14	3
Alberta	1	29	51	78	99	43	15	8
British Columbia	1	18	76	118	156	45	8	11
Canada	2	38	65	100	145	61	32	9

TABLE X.

INFANT MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	93.3	70.6	84.8	100.7	127.1	74.1	71.6	73.3	75.5	55.2
1930....	89.3	75.5	82.6	99.5	120.1	73.8	71.8	72.6	63.6	51.7
1931....	84.7	68.1	78.7	87.4	112.9	69.8	64.3	68.6	69.4	49.4
1932....	73.3	65.1	73.0	71.6	94.2	61.8	59.2	63.5	58.7	46.7
1933....	73.1	60.6	71.1	81.8	94.5	59.8	63.4	61.1	60.3	45.9

TABLE XI.

MATERNAL MORTALITY IN THE DOMINION. RATE PER 1,000 LIVING BIRTHS, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	5.7	4.6	5.5	6.2	5.2	5.8	5.6	5.9	6.6	6.1
1930....	5.8	2.9	6.7	5.4	5.5	6.2	5.2	5.1	6.5	5.8
1931....	5.1	6.9	4.7	5.6	4.8	5.4	4.8	4.4	5.0	6.3
1932....	5.0	6.4	4.6	5.8	5.1	5.1	4.8	4.9	3.8	5.3
1933....	5.0	4.1	4.4	6.1	5.0	5.4	4.1	4.6	4.5	4.6

TABLE XII.

ILLEGITIMATE BIRTHS IN THE DOMINION. PER CENT. OF ALL LIVE BIRTHS, 1926-1933.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	3.01	2.4	5.1	2.9	2.8	3.2	3.5	2.3	3.0	2.3
1930....	3.31	2.3	4.9	3.0	3.0	3.7	3.7	2.8	3.2	2.4
1931....	3.48	3.8	5.4	3.4	2.9	4.0	3.6	3.0	3.7	2.8
1932....	3.59	3.7	5.5	3.4	3.0	4.2	3.6	3.1	3.6	3.4
1933....	3.78	3.0	6.0	3.6	3.2	4.4	3.8	3.2	3.9	3.6

TABLE XIII.

STILLBIRTHS IN THE DOMINION. PERCENTAGE OF TOTAL BIRTHS, 1926-33.

Year	Canada	P.E.I.	N.S.	N.B.	Que.	Ont.	Man.	Sask.	Alta.	B.C.
1926-30	3.1	2.4	3.2	2.7	2.6	3.9	3.2	2.5	2.8	2.8
1930....	3.1	2.2	3.3	3.1	2.8	3.7	3.2	2.4	2.9	2.4
1931....	3.1	2.5	3.4	3.1	2.8	3.7	3.1	2.6	2.6	2.6
1932....	3.0	3.8	3.9	2.9	2.8	3.4	2.7	2.5	2.8	2.4
1933....	3.0	3.6	3.7	2.9	3.0	3.3	2.7	2.3	2.7	2.5

BIRTHS.

The number of living births registered in 1933 was 20,145, a numerical decrease of 669, or 3.2 per cent., compared with the previous year. The birth rate per 1,000 population is now 21.2; in 1932 it was 22.3. The urban birth rate for the year shows a decrease of 1.7 and the rural rate 1.0.

The urban centers are those with a population of 1,000 or over. They account for 20.2 per cent. of the population, but for only 15.5 per cent. of the births. The rural areas, with 79.8 per cent. of the population account for 84.5 per cent. of the births.

Among the cities, Prince Albert has the highest birth rate, and Weyburn the lowest. In the other urban centers, Tisdale is highest with a rate of 26.3, and Biggar lowest with a rate of 9.4.

The percentage of births attended by physicians has been decreasing during the past few years. The rate for 1933 is 69.9 per cent., the lowest since 1927.

The number of children born to Canadian born parents is steadily increasing.. The legitimate births, classified by nationalities, show the following percentages: fathers—Canadian 42.9; British 11.1; American 14.0; others 32.0; mothers—Canadian 54.7; British 8.9; American 13.1; others 23.3..

The racial origin of the fathers of legitimate children was as follows: British 37.1 per cent.; German 20.6; Ukrainian 9.5; Scandinavian 7.3; French 6.9; other races 18.6.

The racial origin of the mothers was as follows: British 35.3; German 21.0; Ukrainian 10.1; Scandinavian 7.3; French 7.2; other races 19.1.

In 1933 the average number of children to each family reporting a birth was 3.8.. In 1932 it was 4.1..

TABLE XIV—BIRTH, MARRIAGE AND DEATH RATES FOR THE PROVINCE.
1914—1933 (STILLBIRTHS EXCLUDED)

Year	Population	Total births	Rate per 1,000	Total marriages	Rate per 1,000	Total deaths	Rate per 1,000
Average 1914-1923..		20,299	29.1	5,019	7.2	5,674	8.1
1924..	797,000	21,539	27.0	4,792	6.0	5,772	7.2
1925..	870,000	20,582	25.4	4,909	6.1	5,628	6.9
1926..	821,000	20,716	25.2	5,483	6.7	6,060	7.4
1927..	841,000	21,015	25.0	5,733	6.8	6,031	7.2
1928..	862,000	21,261	24.7	6,701	7.8	6,166	7.2
1929..	883,000	21,446	24.3	6,548	7.4	6,715	7.6
1930..	903,000	22,051	24.4	5,717	6.3	6,309	7.0
1931..	921,785	21,331	23.1	5,700	6.2	6,066	6.6
1932..	933,000	20,814	22.3	5,772	6.2	6,044	6.5
1933..	951,000	20,145	21.2	5,371	5.6	6,024	6.3

TABLE XV—BIRTHS AND DEATHS, 1914-1933, AND NATURAL INCREASE PER 1,000
(STILLBIRTHS EXCLUDED)

Year	Estimated population	Male births	Female births	Total births	Per cent. Increase or decrease	Male births per 1,000 females	Total deaths	Natural increase per 1,000
1914	584,826	8,408	7,899	16,307	23.5	1,064	3,768	21.4
1915	616,156	8,843	8,434	17,277	6.0	1,048	3,772	21.9
1916	647,835	9,895	9,063	18,958	9.7	1,092	4,776	21.9
1917	669,273	10,408	9,924	20,332	7.2	1,049	4,975	22.9
1918	691,027	10,952	10,278	21,230	4.4	1,066	9,326	17.2
1919	712,926	10,531	10,040	20,571	D. 3.1	1,049	6,164	20.2
1920	735,060	11,817	10,913	22,730	10.5	1,083	6,099	22.6
1921	757,510	11,680	10,719	22,399	D. 1.0	1,090	5,589	22.2
1922	771,000	11,513	10,741	22,254	D. .6	1,072	6,105	20.5
1923	783,000	10,849	10,084	20,933	D. 5.9	1,076	6,173	18.1
1924	797,000	11,157	10,382	21,539	2.9	1,075	5,772	19.3
1925	810,000	10,620	9,962	20,582	D. 4.4	1,066	5,628	18.0
1926	821,000	10,651	10,065	20,716	.7	1,058	6,060	17.8
1927	841,000	10,852	10,163	21,015	1.4	1,068	6,031	17.8
1928	862,000	10,983	10,278	21,261	1.2	1,069	6,166	17.5
1929	883,000	11,002	10,444	21,446	.9	1,053	6,715	16.7
1930	903,000	11,407	10,644	22,051	2.8	1,072	6,309	17.4
1931	921,785	10,942	10,389	21,331	D. 3.3	1,053	6,066	16.5
1932	933,000	10,687	10,127	20,814	D. 2.4	1,055	6,044	15.8
1933	951,000	10,353	9,792	20,145	D. 3.2	1,057	6,024	14.8

TABLE XVI—URBAN AND RURAL BIRTHS AND RATE PER 1,000, 1924-1933.
(Residents only. Stillbirths excluded).

Year	Urban Births	Rate per 1,000	Rural Births	Rate per 1,000
1924	3,438	25.1	18,101	27.3
1925	3,331	24.5	17,251	25.6
1926	3,306	23.4	17,410	25.6
1927	3,806	26.0	17,209	26.5
1928	5,376	35.2	15,885	22.7
1929	4,066	26.3	17,380	24.4
1930	4,317	27.8	17,734	24.4
1931	3,954	21.2	17,377	23.6
1932	3,399	18.0	17,415	23.4
1933	3,129	16.3	17,016	22.4

TABLE XVII—BIRTHS BY MUNICIPALITIES GIVING SEX AND RATE PER 1,000
POPULATION 1933. (RESIDENTS ONLY. STILLBIRTHS EXCLUDED).

	Male	Female	Total	Rate per 1,000	Per cent. of total births
Cities	1,247	1,224	2,471	16.1	12.3
Towns	599	574	1,173	17.5	5.9
Villages	715	730	1,445	18.1	7.3
Rural Municipalities	7,792	7,264	15,056	23.1	74.5
Province	10,353	9,792	20,145	21.2	.....

TABLE XVIII—BIRTHS IN MUNICIPALITIES BY MONTHS, 1933.
(RESIDENTS ONLY. STILLBIRTHS EXCLUDED.)

Months	Cities	Towns	Villages	Rural Municipalities	Province
January	202	101	107	1,282	1,692
February	207	97	113	1,216	1,633
March	224	95	135	1,429	1,883
April	216	99	152	1,384	1,851
May	231	112	113	1,171	1,627
June	221	90	120	1,238	1,669
July	189	95	130	1,256	1,670
August	204	88	124	1,334	1,750
September	203	95	135	1,228	1,661
October	209	96	91	1,116	1,512
November	173	108	107	1,232	1,620
December	192	97	118	1,170	1,577
Year	2,471	1,173	1,445	15,056	20,145

TABLE XIX—BIRTHS IN CITIES AND TOWNS WITH POPULATION OF 1,000 AND OVER, 1933 (RESIDENTS ONLY. STILLBIRTHS EXCLUDED.)

Cities and Towns	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Male	Female	Total	Rate
Moose Jaw	29	24	35	29	22	33	23	27	26	24	33	26	169	162	331	15.2
North Battleford....	2	8	3	15	9	9	10	9	8	7	5	6	47	44	91	14.7
Prince Albert	20	12	17	19	32	20	13	24	21	18	12	14	117	105	222	21.7
Regina	83	88	71	70	69	82	71	67	80	74	64	78	438	459	897	16.3
Saskatoon	52	57	72	59	72	59	46	50	50	64	46	52	334	345	679	15.2
Swift Current	8	2	9	10	9	8	12	4	12	4	3	5	53	33	86	15.7
Weyburn	1	10	9	8	9	6	6	9	3	7	1	5	40	34	74	14.3
Yorkton	7	6	8	6	9	4	8	14	3	11	9	6	49	42	91	17.5
Assiniboia	3	2	1	3	2	1	1	2	3	..	2	1	10	11	21	14.0
Battleford	2	1	2	1	2	2	2	..	1	3	1	1	8	10	18	15.9
Biggar	1	1	4	..	4	4	3	3	1	..	..	2	14	9	23	9.4
Canora .....	..	2	2	3	1	3	2	2	1	..	3	1	13	7	20	16.4
Estevan	3	3	2	6	6	5	5	5	4	5	3	4	26	25	51	16.8
Gravelbourg	2	2	1	3	2	4	1	..	4	..	2	1	13	9	22	18.8
Flerbert	3	1	3	1	2	2	..	1	4	1	2	2	7	15	22	21.2
Humboldt	1	6	10	6	6	4	3	2	..	1	6	1	21	25	46	23.5
Indian Head	2	..	2	..	2	..	..	..	5	1	5	2	6	11	17	11.4
Kamsack	4	..	4	4	6	..	2	1	..	2	4	5	20	19	39	18.1
Kindersley	1	1	1	2	3	2	1	2	..	..	6	1	11	7	18	16.8
Maple Creek	2	..	3	..	3	2	..	4	2	..	1	2	13	6	19	16.0
Melfort	1	5	3	5	..	2	3	2	5	2	6	4	15	23	38	20.4
Melville	8	8	10	8	8	4	8	5	8	8	5	7	48	39	87	21.7
Moosomin .....	..	..	1	1	3	1	2	..	1	2	1	3	10	5	15	13.0
Radville	2	3	1	1	2	2	1	..	..	..	..	2	3	11	14	13.5
Rosetown .....	..	2	2	1	2	4	2	..	4	5	1	3	12	14	26	16.2
Rosthern	3	1	1	3	4	1	3	6	..	5	4	2	15	18	33	22.7
Shaunavon	1	4	1	2	3	4	2	2	2	3	..	2	14	12	26	14.3
Sutherland .....	..	1	..	2	2	..	..	2	2	2	1	3	6	9	15	12.7
Tisdale	1	3	2	2	2	3	..	6	..	4	3	3	18	11	29	26.3
Watrous	3	..	2	2	1	..	1	4	1	2	2	3	12	9	21	15.6
Wilkie	5	2	3	2	..	1	1	..	3	..	3	1	12	9	21	16.7
Wynyard .....	..	6	..	1	1	..	1	2	1	1	1	3	9	8	17	15.8
Total Urban ..	250	261	285	275	298	275	233	255	255	256	235	251	1,583	1,546	3,129	16.3

DIAGRAM 1. BIRTH RATE BY MONTHS. 1933.

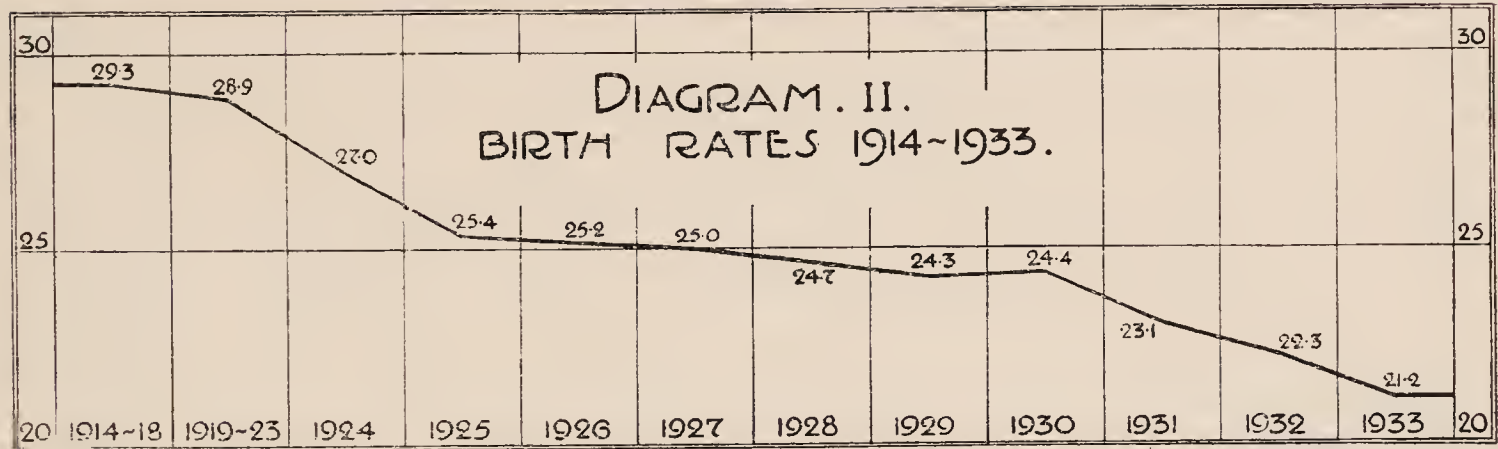
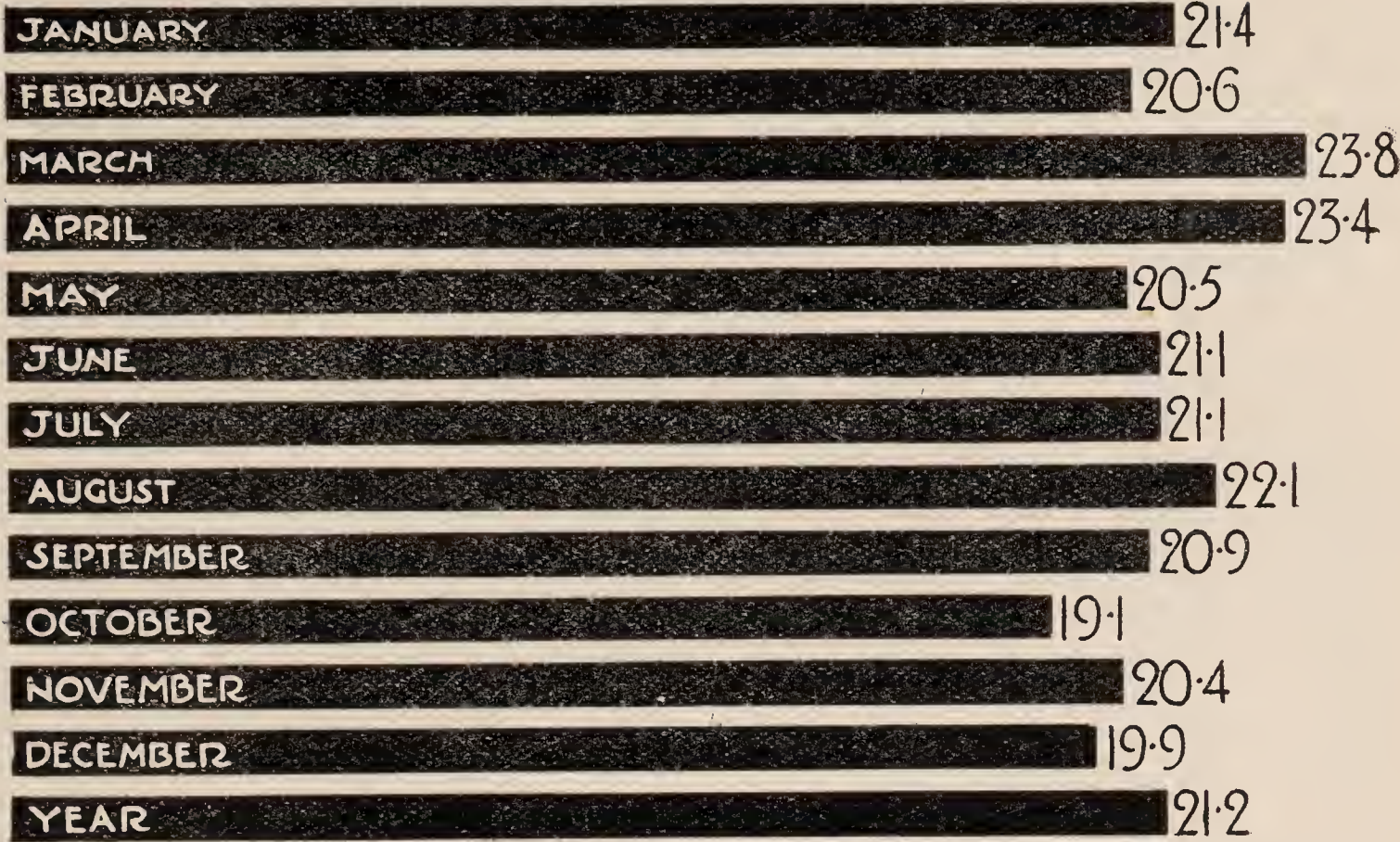


TABLE XX—PLURAL BIRTHS CLASSIFIED TO SHOW THE NUMBER OF CHILDREN BORN ALIVE AND STILLBORN, BY SEX, 1933.

Classification of births		Total
Cases of twins		260
Two males (both living)		80
One male and one female (both living)		88
Two females (both living)		69
One male living and one male stillborn		3
One male living and one female stillborn		4
One male stillborn and one female living		6
One female living and one female stillborn		6
Two males (both stillborn)		1
One male and one female (both stillborn)		1
Two females (both stillborn)		2
Cases of triplets		2
Three males (all living)		1
Two males and one female (all living)		1
Total multiple births	No.	262
	M.	272
	F.	254
Total single living births	No.	19,646
	M.	10,093
	F.	9,553
Total single stillbirths	No.	440
	M.	239
	F.	201
Total confinements		20,348

TABLE XXI.

ATTENDANCE AT BIRTH AND NUMBER OF CHILDREN WHO DIED AT BIRTH, 1915-1933.

Year	Number of births attended Stillbirths included						Deaths at time of birth Stillbirths not included		
	Physician		Nurse		No physician or nurse		Phy- sician	Nurse	No phy- sician or nurse
	Num- ber	Per cent.	Num- ber	Per cent.	Num- ber	Per cent.			
1915-24	138,685	64.2	4,747	2.2	69,356	32.8	2,841	11	538
1925	14,126	66.8	223	1.1	6,807	32.2	265	1	50
1926	14,457	68.0	188	.9	6,627	31.1	255	..	43
1927	15,239	70.7	328	1.5	5,990	27.8	286	..	34
1928	15,558	71.3	275	1.3	5,991	27.4	288	..	29
1929	16,150	73.4	225	1.0	5,619	25.5	259	..	50
1930	16,583	73.4	225	1.0	5,790	25.6	304	..	55
1931	16,256	74.2	252	1.2	5,400	24.6	266	..	44
1932	14,946	70.1	266	1.2	6,127	28.7	284	..	63
1933	14,426	69.9	300	1.5	5,886	28.6	201	..	58

TABLE XXII—ILLEGITIMATE BIRTHS IN PROVINCE, 1914-1933.
(Stillbirths included)

Year	Male	Female	Total	Rate per 1,000 of population	Rate per 1,000 births
1914-1923 — (average for 10-year period)	85	86	171	.2	8.3
1924	172	172	344	.4	15.5
1925	162	192	354	.4	16.7
1926	214	194	408	.5	19.2
1927	234	198	432	.5	20.0
1928	238	225	463	.5	21.2
1929	282	269	551	.6	25.1
1930	341	292	633	.7	28.0
1931	346	322	668	.7	30.5
1932	349	331	680	.7	31.9
1933	363	323	686	.7	33.3

TABLE XXIII—LEGITIMATE AND ILLEGITIMATE BIRTHS BY MUNICIPALITIES AND
RATE, 1933.
(Residents only. Stillbirths included.)

Municipalities	Legitimate Births		Illegitimate Births		
	Number	Rate per 1,000 population	Number	Rate per 1,000 population	Rate per 1,000 births
Cities	2,374	15.4	148	1.0	58.7
Towns	1,129	16.9	65	1.0	54.4
Villages	1,358	17.0	126	1.6	84.9
Rural municipalities ..	15,445	23.7	347	.5	22.0
Province	19,926	21.0	686	.7	33.3

TABLE XXIV—LEGITIMATE AND ILLEGITIMATE BIRTHS BY CITIES AND RATES, 1933.
(Residents only. Stillbirths included.)

Cities	Legitimate Births		Illegitimate Births		
	Number	Rate per 1,000 population	Number	Rate per 1,000 population	Rate per 1,000 births
Moose Jaw	311	14.2	24	1.1	71.6
North Battleford	90	14.6	3	.5	32.3
Prince Albert	216	21.1	10	1.0	44.2
Regina	876	16.0	45	.8	48.9
Saskatoon	643	14.4	49	1.1	70.8
Swift Current	80	14.6	6	1.1	69.8
Weyburn	74	14.3	2	.4	26.3
Yorkton	84	16.2	9	1.7	96.8
All Cities	2,374	15.4	148	1.0	58.7

TABLE XXV—RACIAL ORIGIN AND AGE OF MOTHERS OF ILLEGITIMATE CHILDREN BORN IN 1933.
(Stillbirths included)

Racial origin	Age of Mothers by Period									T'tl.	Rate per 100,000 population of each race
	Under 15	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 and over	Age un-kn'n		
English	42	53	20	3	2	2	..	..	122	57.5
Irish	14	29	6	4	4	..	..	..	57	53.1
Scotch	22	24	7	7	2	..	..	..	62	49.5
Other											
British....	1	..	..	..	..	..	..	1	14.4
French	20	21	8	1	2	..	1	..	53	100.1
Austrian	3	2	..	1	..	1	1	..	8	45.5
Danish	2	1	..	1	..	..	..	..	4	58.5
Dutch	2	3	1	1	1	1	..	..	9	35.3
German	38	59	11	3	1	..	..	1	113	84.8
Hungarian..	..	2	6	2	1	2	..	..	..	13	94.3
Icelandic	1	..	..	..	..	..	..	..	1	25.2
Indian	12	12	9	4	2	4	..	..	43	272.9
Norwegian	14	10	3	..	..	2	..	..	29	70.7
Polish	6	4	3	2	1	2	1	..	19	70.9
Roumanian	7	6	1	1	..	1	..	..	16	162.7
Russian	5	9	1	3	..	..	..	..	18	49.3
Swedish	4	9	2	1	1	..	..	..	17	73.4
Ukrainian ..	1	27	30	9	5	5	1	..	..	78	119.2
Others	9	10	1	1	1	..	..	1	23	83.7
Total	1	230	290	84	39	24	14	3	2	686	72.1

TABLE XXVI—PERCENTAGE OF PARENTS CANADIAN BORN, 1924-1933.

	1924-1928	1929	1930	1931	1932	1933
Fathers	36.6	37.7	38.8	39.8	41.1	42.9
Mothers	41.7	45.6	47.2	49.2	51.9	54.7

TABLE XXVII
BIRTHS—OCCUPATION OF FATHERS, 1933.

Occupation	Total
Owners, managers, etc.....	630
Office employees— (Incl. govt. and mun.).....	196
Laborers	1,850
Farmers	13,208
Fishermen	7
Hunters and Trappers.....	199
Shantymen	12
Miners	61
Factory employees	767
Construction	374
Transportation and public utilities	754
Trade and finance	489
Professional service	422
Recreational service	18
Customs and repairs	5
Personal service	208
Miscellaneous	293
No occupation	4
Occupation not given	2
Total	19,499

TABLE XXVIII
BIRTHS SHOWING THE AGES OF MOTHERS
BY PERIODS AND NUMBER OF CHILDREN
(including stillbirths), 1933

Age of Mother	Number of children	Percentage of total births
Under 15 years	1	*
15-19 years	1,409	6.84
20-24 years	5,678	27.55
25-29 years	5,601	27.17
30-34 years	3,876	18.80
35-39 years	2,762	13.40
40-44 years	1,111	5.39
45 years & over	168	.82
Age unknown	6	.03
Total	20,612	100.00

* Less than .01 per cent.

TABLE XXIX—BIRTHS SHOWING THE NUMBER OF CHILDREN AND NATIONALITY OF
MOTHERS (including stillbirths), 1933.

Number of Children	Total	Nationality of Mothers				
		Canadian	British	American	Others	Unknown
1st	4,914	3,561	326	446	580	1
2nd	3,953	2,449	388	424	691	1
3rd	3,021	1,659	317	402	643	..
4th	2,261	1,157	220	348	536	..
5th	1,649	753	196	266	434	..
6th	1,298	536	115	235	411	1
7th	952	399	87	151	315	..
8th	738	250	71	133	284	..
9th	583	218	48	83	234	..
10th	441	147	23	66	205	..
11th	305	105	19	45	136	..
12th	182	63	9	29	81	..
13th	117	36	4	15	62	..
14th	86	19	1	15	51	..
15th	52	11	..	9	32	..
16th	32	13	..	2	17	..
17th	10	8	..	..	2	..
18th	11	1	..	1	9	..
19th	1	..	..	1	..	..
20th	2	1	..	..	1	..
21st	1	1	..	..	..	..
22nd	1	..	..	..	1	..
Not stated ..	2	1	..	..	..	1
Total	20,612	11,388	1,824	2,671	4,725	4

TABLE XXX—LEGITIMATE BIRTHS BY RACIAL ORIGIN OF FATHERS AND RATES PER 1,000, 1933. (Stillbirths excluded.)

Race	Number of Births	Estimated population by races	Birth rate per 1,000 population of each race
Indian	497	15,752	31.6
German	4,016	133,328	30.1
Hungarian	404	13,786	29.3
Ukrainian ⁽¹⁾	1,850	65,410	28.3
French	1,350	52,307	25.8
Polish	629	26,784	23.5
Dutch	579	25,477	22.7
Danish	152	6,840	22.2
Swedish	441	23,170	19.0
Norwegian	766	41,015	18.7
Roumanian	183	9,832	18.6
Irish	1,938	107,395	18.1
Austrian	288	17,601	16.4
Icelandic	64	3,962	16.2
Scotch	1,950	125,336	15.7
English	3,245	212,034	15.3
Other British	106	6,949	15.3
Russian	511	36,544	14.0
Others	530	27,478	19.3
Total	19,499	951,000	20.5

⁽¹⁾ Including Galician and Bukovinian.

TABLE XXXI—BIRTHS (exclusive of stillbirths)

Age of Father	Total	Age of Mother															
		14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
17 years	6	--	--	1	2	--	2	--	--	1	--	--	--	--	--	--	
18 years	18	--	--	1	2	3	6	2	1	--	2	1	--	--	--	--	
19 years	37	--	1	2	3	10	7	7	1	2	--	1	--	--	3	--	
20 years	91	--	1	4	10	6	22	23	12	5	5	1	1	1	--	--	
21 years	225	--	1	6	14	27	45	37	32	24	21	6	5	1	2	2	
22 years	331	--	1	9	14	29	49	57	59	42	34	19	9	3	3	1	
23 years	488	--	1	5	18	43	62	78	69	70	52	37	25	12	8	5	
24 years	654	--	--	5	14	32	62	94	95	96	94	71	34	25	9	10	
25 years	783	--	--	2	9	35	67	90	84	115	106	94	76	27	29	16	
26 years	826	--	1	--	5	28	50	80	99	112	110	103	73	84	32	21	
27 years	938	--	--	1	11	31	43	75	74	110	108	117	102	100	80	34	
28 years	955	--	--	2	7	20	39	61	91	100	92	107	95	106	67	70	
29 years	968	--	1	2	7	18	40	62	55	81	97	80	119	96	99	75	
30 years	910	--	--	1	2	11	24	41	63	66	72	76	92	89	100	79	
31 years	863	--	--	1	--	9	23	22	51	51	62	61	84	74	86	83	
32 years	960	--	--	4	2	14	16	29	41	54	59	68	96	104	76	81	
33 years	979	--	--	1	6	8	12	21	31	50	60	44	79	89	83	94	
34 years	728	--	--	--	2	4	6	13	19	26	33	40	41	55	61	58	
35 years	782	--	--	--	3	4	5	14	18	18	40	34	59	51	51	54	
36 years	714	--	--	--	--	5	6	10	19	13	19	37	32	58	42	37	
37 years	702	--	--	1	--	1	--	6	20	11	23	28	45	39	41	58	
38 years	752	--	--	--	--	5	6	18	12	14	16	25	15	32	31	64	
39 years	695	--	--	--	1	3	6	7	4	12	14	17	18	29	27	34	
40 years	693	--	--	--	3	2	2	8	6	12	15	19	25	24	23	36	
41 years	541	--	--	--	1	1	4	1	7	4	12	10	9	16	17	23	
42 years	618	--	--	--	1	--	3	6	7	8	6	9	9	18	17	29	
43 years	520	--	--	--	--	1	2	2	1	9	8	8	7	9	11	11	
44 years	445	--	--	1	--	--	--	1	1	3	7	4	8	10	10	14	
45 years	393	--	--	--	--	2	1	1	3	4	3	2	19	4	6	13	
46 years	360	--	--	1	--	--	--	1	1	2	2	4	9	10	4	6	
47 years	269	--	--	--	--	--	1	1	1	2	3	3	3	7	3	6	
48 years	288	--	--	--	--	--	1	--	1	1	1	2	7	5	8	7	
49 years	211	--	--	--	--	1	--	1	--	2	4	3	1	3	1	4	
50 years	183	--	--	--	--	--	--	1	--	3	--	1	4	2	--	2	
51 years	109	--	--	--	1	1	--	--	--	1	1	2	1	1	1	1	
52 years	112	--	--	--	--	--	--	--	--	--	--	1	--	--	4	2	
53 years	66	--	--	--	--	--	--	1	1	--	--	1	1	1	2	--	
54 years	68	--	--	--	--	--	1	--	--	2	--	1	--	--	1	--	
55 years	54	--	--	--	--	--	--	--	2	--	1	1	--	1	--	--	
56 years	31	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1	
57 years	32	--	--	--	--	--	--	--	--	--	--	1	--	--	--	2	
58 years	23	--	--	--	--	--	--	--	1	1	--	--	1	--	--	1	
59 years	23	--	--	--	--	--	--	--	--	--	--	1	1	1	1	--	
60 years	15	--	--	--	--	1	--	--	--	2	--	--	1	1	--	--	
61 years	4	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	
62 years	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1	
63 years	6	--	--	--	--	--	--	--	--	1	--	--	--	--	1	--	
64 years	3	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	
65 and over	15	--	--	--	1	--	1	--	--	--	--	--	1	--	1	--	
Not stated	5	--	--	--	--	--	--	--	--	--	--	--	1	--	--	1	
Children born to married mothers	19,499	--	7	50	139	355	614	872	982	1,131	1,183	1,140	1,208	1,188	1,041	1,036	9
Children born to to unmarried mothers	646	1	15	17	33	75	76	83	63	61	37	30	27	24	12	10	
Children born to all mothers	20,145	1	22	67	172	430	690	955	1,045	1,192	1,220	1,170	1,235	1,212	1,053	1,046	9

CLASSIFIED ACCORDING TO AGES OF PARENTS, 1933.

Age of Mother																					
30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50 and over	Not stated
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	1	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
3	--	2	3	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--
4	2	4	3	3	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
8	5	2	2	1	--	1	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15	3	4	7	--	1	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--
17	7	8	11	4	2	2	--	1	--	--	--	1	--	--	--	--	--	--	--	--	--
36	9	8	11	4	5	1	2	1	--	1	--	--	--	--	1	--	1	--	--	--	--
58	24	17	11	4	2	3	3	--	--	--	--	--	--	--	--	--	--	--	--	--	--
64	52	33	14	10	8	3	2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
66	52	53	27	20	7	6	3	5	1	4	2	--	--	--	1	--	--	--	--	--	--
75	74	66	50	22	13	5	4	3	1	--	--	--	2	--	--	--	--	--	--	--	--
50	51	67	57	36	15	15	6	4	3	1	1	--	--	--	--	--	--	--	--	--	--
67	64	48	56	39	52	21	10	4	6	1	--	--	--	--	--	1	--	--	--	--	--
53	51	52	80	35	46	36	19	9	8	--	3	1	--	--	--	--	--	--	--	--	--
47	45	52	56	40	40	34	31	12	14	4	3	2	--	--	--	--	--	--	--	--	--
41	44	59	62	40	48	49	47	40	22	13	3	2	1	1	1	--	--	--	--	--	--
37	37	52	60	42	49	45	41	47	37	16	6	4	2	1	--	--	--	--	--	--	--
48	27	37	61	42	58	50	52	48	35	24	2	5	3	2	1	--	--	--	--	--	--
27	34	44	30	34	29	49	41	31	27	28	21	6	4	5	2	--	--	--	--	--	1
25	34	45	39	32	49	47	53	42	37	35	16	20	4	--	1	--	--	--	--	--	--
19	14	35	44	45	36	33	37	39	30	33	21	21	9	3	3	--	--	--	1	--	--
15	18	26	27	36	26	32	36	36	27	26	15	20	16	9	3	--	2	--	--	--	--
20	6	17	22	18	30	32	30	25	31	29	22	13	12	7	7	--	--	--	1	--	--
8	9	19	24	14	23	27	29	29	28	26	16	18	18	10	5	4	1	--	--	--	--
4	8	12	14	14	21	12	27	20	13	23	18	20	11	11	4	1	1	--	--	--	--
7	4	11	10	16	15	20	18	35	11	19	10	16	23	8	8	6	1	2	--	--	--
7	1	14	6	9	9	11	7	12	30	19	14	13	13	8	3	8	3	1	--	--	--
7	1	8	12	4	6	13	8	25	14	17	5	18	11	4	8	1	1	2	--	--	--
7	1	6	5	4	5	2	6	9	12	9	7	5	2	6	1	4	2	1	--	--	--
--	2	4	5	5	5	6	7	11	3	7	10	11	10	4	8	3	1	1	--	1	--
2	--	5	5	--	2	2	3	4	5	6	1	7	7	5	1	1	--	--	--	1	--
4	2	4	1	2	3	2	3	7	5	7	6	4	2	4	2	1	2	1	--	--	--
--	--	4	3	2	3	4	4	1	5	5	2	--	3	3	4	2	--	--	2	1	--
2	--	--	2	2	2	1	2	1	3	3	4	1	--	--	1	--	1	1	1	1	--
1	--	1	1	2	--	--	1	4	3	1	3	2	2	2	1	2	2	--	--	--	--
--	--	1	1	1	1	2	1	1	2	1	1	--	3	3	--	1	--	--	--	--	--
--	--	1	--	--	2	1	1	--	1	1	1	1	1	--	2	--	--	--	--	1	--
--	--	--	--	--	--	--	--	--	--	--	--	2	--	1	--	--	--	--	--	--	--
1	--	1	--	--	1	--	--	--	2	1	--	--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--	1	1	--	2	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--
1	--	--	--	1	1	--	--	2	1	--	--	--	--	1	2	1	--	--	--	--	--
1	--	--	--	1	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	1
847	681	823	823	585	619	568	538	513	421	362	215	214	163	98	70	37	20	9	5	6	2
13	7	4	5	6	4	7	4	8	1	3	3	4	1	1	1	--	--	1	1	--	2
860	688	827	828	591	623	575	542	521	422	365	218	218	164	99	71	37	20	10	6	6	4

TABLE XXXII—BIRTHS SHOWING AGES OF MOTHERS AND NUMBER OF CHILDREN (including stillbirths) BY NATIONALITY, 1933.

Number of Children	15 - 19 years				20 - 24 years				25 - 29 years				30 - 34 years				35 - 39 years				40 - 44 years				45 years and over				Age unknown	Total		
	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	British	American	Others	Canadian	British	American	Others				
1st	990	31	52	55	1,834	119	201	270	559	102	138	181	121	49	37	53	41	19	15	17	12	5	2	4	1	2	1	1	4	4,914		
2nd	216	3	7	13	1,299	92	159	246	654	157	156	286	180	98	75	105	80	31	20	36	18	5	6	5	1	1	1	1	5	3,953		
3rd	31		1	3	675	44	92	130	637	109	164	301	214	94	99	138	86	47	42	57	16	22	3	11	1	1	1	3	3,021			
4th	5			1	272	14	40	63	500	60	119	215	239	77	114	165	110	51	57	75	26	17	15	15	5	3	2	2	2,261			
5th					67	5	8	11	358	34	83	135	191	71	103	178	108	62	54	77	26	20	16	30	3	4	2	3	1,649			
6th					21		1	4	201	16	59	101	173	36	86	173	114	42	60	106	23	20	27	23	4	1	2	4	1,298			
7th					8		1		100	9	18	40	151	15	64	132	90	44	56	107	47	17	11	32	3	2	1	4	952			
8th								1	36	4	11	14	105	14	45	118	86	28	57	109	22	15	15	37	1	5	5	4	738			
9th									14	1	4	10	89	12	21	62	76	21	37	106	31	13	20	46	7	1	1	10	583			
10th									8				32	4	22	41	78	11	28	97	26	7	14	55	3	1	2	12	441			
11th									2			3	25		3	22	48	11	22	66	26	8	20	36	4			9	305			
12th													4	3	2	10	32	4	8	39	26	2	18	29	1	1	1	3	182			
13th												1	1		1	5	13	2	6	16	19	2	6	33	3		2	7	117			
14th												1			1	2	7		2	21	9	1	11	26	3		1	1	86			
15th																	4		3	9	5		5	15	2		1	8	52			
16th																	2		1	3	10		1	11	1			3	32	10		
17th																	1			1	4				3	1			1	11	11	
18th																									5					2	1	1
19th																														1	2	1
20th																															1	1
21st																															1	1
22nd																															1	1
Unknown																															1	2
Total..	1	1,242	34	60	72	4,177	274	502	725	3,069	492	752	1,288	1,525	473	673	1,204	977	373	468	944	347	159	192	413	47	19	24	78	6	20,612	

TABLE XXXIII—LEGITIMATE BIRTHS (exclusive of stillbirths) CLASSIFIED ACCORDING TO AGE AND BIRTHPLACE OF MOTHERS, 1933.

Birthplace of mother	Total	Age of Mother																40 and over	Not stated									
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			31	32	33	34	35	36	37	38	39
CANADA	10,673	7	42	125	306	543	726	752	836	798	773	737	699	549	512	469	338	285	322	305	235	213	203	195	190	142	370	1
P. E. I.	44	..	..	..	..	1	..	1	..	4	1	..	2	..	1	1	2	2	6	3	2	2	1	3	4	..	8	..
Nova Scotia ..	87	..	..	..	1	..	1	1	1	1	2	3	7	6	5	4	5	2	2	4	7	3	5	7	6	4	6	..
New Brunswick ..	59	..	..	..	..	..	5	..	1	2	1	3	2	3	5	5	2	..	..	6	2	2	3	3	2	2	6	..
Quebec	452	..	..	..	8	3	7	13	19	19	19	28	27	20	28	21	20	17	22	24	22	10	23	14	25	15	48	..
Ontario	1,377	..	..	4	7	21	17	24	42	67	65	62	76	81	72	82	65	47	82	92	72	67	53	47	56	41	135	..
Manitoba	1,572	..	2	4	14	31	42	63	74	93	99	117	111	83	101	105	70	70	78	58	49	51	49	56	40	35	77	..
Saskatchewan ..	6,842	7	39	115	266	472	626	621	679	592	561	511	458	352	286	238	168	144	119	114	81	75	69	61	56	43	88	1
Alberta	181	..	1	2	8	9	20	27	16	13	19	8	15	3	10	8	5	3	4	4	1	..	..	2	1	1	1	..
British Columbia ..	59	..	..	..	2	6	8	2	4	7	6	5	1	1	4	5	1	..	1	1	1	..	..	2	..	..	..	..
BRITISH ISLES ..	1,714	..	1	3	11	12	26	34	58	67	73	86	83	95	99	100	95	74	103	99	75	72	73	75	71	60	169	..
England	1,074	..	1	2	8	5	16	17	38	44	48	56	43	58	54	61	49	53	63	68	51	47	41	48	51	33	119	..
Ireland	156	..	..	..	..	3	4	3	3	3	7	8	11	12	9	10	15	3	9	8	5	4	6	9	7	5	12	..
Scotland	438	..	..	1	2	3	6	11	14	19	16	20	26	24	36	28	28	17	31	17	19	17	24	15	10	19	35	..
Wales	44	..	..	..	1	1	..	3	2	1	2	2	3	1	..	1	3	1	..	5	..	4	2	3	3	3	3	..
Other	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..
BRITISH POSSESSIONS ..	29	..	..	..	..	..	..	1	1	2	..	1	1	2	1	1	1	..	1	5	3	1	2	1	3	1	1	..
Newfoundland ..	7	..	..	..	..	..	..	..	1	1	..	..	..	1	..	..	..	..	..	2	..	2	2	..	..	..	..	..
Other	22	..	..	..	..	..	..	1	..	1	..	1	..	1	1	1	1	..	1	3	3	1	..	1	3	1	1	..
EUROPE	4,503	..	3	8	18	34	69	104	145	182	188	221	270	246	277	224	246	208	262	263	180	227	187	172	171	143	454	1
Austria	763	..	..	1	2	3	3	11	19	25	24	21	43	38	56	35	44	21	44	53	29	50	38	41	37	28	97	..
Belgium	60	..	..	..	..	..	..	..	1	3	6	4	3	2	4	4	..	4	2	3	4	3	2	4	3	3	6	..
Denmark	53	..	..	..	..	..	2	..	4	2	1	2	3	3	3	3	4	4	7	3	4	1	1	2	2	..	2	..
Finland	15	..	..	..	..	..	..	2	1	1	1	..	..	..	1	..	3	1	..	..	..	..	1	1	1	..	2	..
France	65	..	..	..	..	..	..	2	3	1	3	6	2	2	3	2	5	5	1	3	1	5	4	1	4	3	9	..
Germany	281	..	..	..	5	3	7	7	12	12	14	18	25	13	19	15	8	13	22	11	13	15	12	8	8	5	16	..
Holland	29	..	..	..	..	..	..	1	..	1	..	2	3	2	2	2	4	3	1	..	2	1	..	..	..	1	4	..
Hungary	281	..	1	2	1	4	9	11	6	10	8	7	18	16	15	17	16	14	17	24	8	14	8	14	15	3	23	..
Italy	11	..	..	..	..	..	..	..	..	..	..	..	..	..	2	1	1	..	2	..	..	1	1	..	..	..	3	..
Norway	200	..	..	..	..	1	2	4	2	10	6	11	5	10	9	16	16	8	8	10	9	10	11	9	6	8	25	..
Poland	904	..	2	3	2	9	11	21	32	44	50	59	71	62	58	45	63	38	57	43	39	34	31	19	31	26	54	..
Roumania	224	..	..	..	3	1	7	3	8	6	14	13	19	9	14	8	12	12	13	8	7	13	8	8	8	8	21	1
Russia (1)	1,344	..	..	2	4	11	24	38	43	58	49	66	68	69	72	64	66	69	66	84	53	64	60	56	50	48	160	..
Sweden	120	..	..	..	1	2	1	..	9	4	5	6	3	9	10	5	3	2	7	6	5	5	5	6	4	7	14	..
Other	153	..	..	..	..	..	3	4	5	5	7	6	7	11	9	8	1	14	11	15	6	10	5	3	2	3	18	..
ASIA	21	..	..	..	..	..	..	..	..	1	2	2	1	1	1	1	1	1	3	1	2	..	1	..	..	1	2	..
China	5	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	1	1	..
Japan	3	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Other	13	..	..	..	..	..	..	..	..	..	1	2	..	..	1	1	1	..	3	..	2	..	1	..	..	..	1	..
United States	2,545	..	4	3	19	25	51	90	90	133	103	160	133	147	146	139	165	113	131	149	90	104	101	95	78	73	203	..
Various	13	..	..	..	1	1	..	1	1	..	1	1	1	..	..	..	1	..	..	..	..	2	1	..	..	1	..	..
Not specified	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..
Total	19,499	7	50	139	355	614	872	982	1,131	1,183	1,140	1,208	1,188	1,041	1,036	934	847	681	823	823	585	619	568	538	513	421	1,199	2

(1) Including the Ukraine.

TABLE XXXIV—LEGITIMATE BIRTHS (exclusive of stillbirths) CLASSIFIED ACCORDING TO AGE AND RACIAL ORIGIN OF MOTHERS, 1933.

Racial origin of mother	Total	Age of Mother																	40 and over	Not stated							
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31			32	33	34	35	36	37	38	39
English	3,292	10	23	59	108	147	156	186	196	171	194	174	187	170	181	116	124	121	158	107	105	94	106	108	71	220	..
Irish	1,638	2	8	33	50	68	75	97	103	104	94	104	78	73	70	90	50	75	77	57	46	50	51	43	36	103	..
Scottish	1,878	1	12	25	48	71	95	101	104	98	103	124	105	102	91	100	56	93	80	69	64	72	56	41	56	104	..
Welsh	81	..	..	3	3	2	6	5	5	3	8	5	4	3	1	4	1	..	9	1	7	3	3	1	2	2	..
French	1,396	1	3	19	36	58	82	94	74	81	93	67	69	63	72	50	55	63	60	44	29	53	33	47	37	90	..
Austrian	292	1	1	1	2	14	8	14	11	20	14	18	20	15	11	12	8	11	13	18	19	10	9	11	10	20	..
Belgian	100	..	..	..	2	1	3	2	8	11	7	8	3	8	4	2	3	2	4	5	4	2	5	4	5	7	..
Bulgarian	1	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chinese	8	..	..	..	..	1	..	..	..	1	1	..	1	..	..	..	..	..	1	..	..	..	..	..	2	1	..
Czech and Slovak	141	..	..	..	1	2	8	2	10	12	6	10	13	17	8	3	9	8	7	6	5	3	2	2	1	6	..
Danish	116	..	..	..	2	8	6	9	5	8	7	4	5	5	5	10	4	9	6	4	2	3	4	2	2	3	..
Dutch	561	..	1	..	2	21	27	29	26	34	38	26	36	29	20	25	33	28	19	13	27	16	22	12	16	39	..
Finnish	40	..	2	1	4	1	3	1	3	4	5	1	2	3	2	2	2	1	..	..	..	2	1	3	..	4	..
German	4,215	1	7	25	71	193	205	243	266	255	280	299	218	213	211	158	157	182	164	118	136	122	103	93	78	282	..
Greek	8	..	..	..	1	..	..	..	..	1	1	..	..	..	..	..	1	1	..	..	..	2	1	..	..	..	..
Hindu	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..
Hungarian	429	..	4	13	14	28	24	27	24	18	20	27	22	27	23	17	17	20	20	8	14	8	12	14	3	23	..
Icelandic	68	..	..	2	..	2	6	4	2	3	8	4	2	2	3	3	4	3	1	3	2	1	2	4	2	5	..
Indian	509	..	4	4	13	29	26	21	38	25	28	22	27	33	16	26	17	24	20	17	18	16	11	17	4	27	1
Italian	13	..	..	1	1	1	..	..	..	..	..	..	..	2	1	1	..	1	..	..	1	1	..	..	..	3	..
Japanese	3	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Jewish	45	..	..	..	..	..	..	..	2	3	1	8	1	4	2	2	3	4	3	1	2	1	2	1	2	3	..
Negro	8	..	..	1	..	..	..	..	2	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	2	..
Norwegian	848	..	4	4	23	20	51	43	59	45	63	45	45	39	42	44	25	33	36	21	23	26	27	24	19	52	..
Polish	652	..	2	6	6	14	30	33	31	52	54	48	41	45	29	34	19	31	28	19	21	17	17	14	10	18	..
Romanian	172	..	..	3	10	2	14	14	11	11	6	8	7	10	7	11	3	6	7	4	5	3	4	2	2	12	..
Russian	514	..	..	3	12	21	33	33	35	23	32	29	27	25	23	22	19	16	19	16	15	13	13	14	12	31	..
Serb and Croat	20	..	..	..	..	1	2	3	1	1	1	..	..	3	1	..	..	..	1	..	3	..	2	..	1	..	..
Swedish	389	..	..	1	8	17	14	30	23	18	13	22	21	28	18	14	10	16	13	12	16	9	14	10	15	31	..
Swiss	35	..	..	1	..	1	1	2	1	..	5	4	1	1	1	1	2	1	3	1	..	..	..	1	1	7	..
Syrian	18	..	..	..	..	1	..	1	1	2	3	..	..	1	2	1	..	3	..	2	..	..	..	..	1	..	..
Ukrainian (1)	1,965	2	6	24	45	90	105	135	137	133	121	128	102	115	88	95	57	67	68	38	53	40	38	43	30	102	1
Other	18	..	..	..	..	..	1	1	2	2	1	..	1	..	1	2	1	1	2	..	1	..	..	..	1	1	..
Not specified	25	..	..	..	..	..	1	1	3	..	1	2	1	..	1	..	..	3	4	1	1	1	..	..	..	1	..
Total	19,499	7	50	139	355	614	872	982	1,131	1,183	1,140	1,208	1,188	1,041	1,036	934	847	681	823	585	619	568	538	513	421	1,199	2

(1) Including "Galician" and "Bukovinian."

TABLE XXXV—BIRTHS (exclusive of stillbirths) CLASSIFIED ACCORDING TO RACIAL ORIGIN OF PARENTS, 1933.

Racial origin of father		Racial origin of mother																								Total	
		English	Irish	Scottish	Welsh	French	Austrian	Belgian	Czech and Slovak	Danish	Dutch	Finnish	German	Hungarian	Icelandic	Indian	Italian	Jewish	Norwegian	Polish	Roumanian	Russian	Serb and Croat	Swedish	Swiss		Ukraine (1)	Other
English	.....	1,645	406	463	22	127	8	6	12	16	49	1	249	12	6	5	..	..	104	15	1	11	1	46	6	22	12
Irish	.....	487	554	380	15	98	4	3	1	12	24	1	180	4	8	1	1	..	95	12	1	7	..	35	2	6	7
Scottish	.....	547	315	643	17	73	5	5	1	10	25	2	145	4	5	4	..	1	92	11	..	3	..	26	2	7	7
Welsh	.....	34	18	25	14	1	1	1	1	1	..	..	5	1	..	..	..	..	3	..	..	..	..	..	1	..	..
French	.....	95	64	63	1	936	3	24	2	1	10	..	76	6	1	8	..	1	23	5	1	4	1	12	2	11	..
Austrian	.....	2	3	..	..	4	210	1	..	1	..	..	24	8	..	..	..	..	1	5	2	11	1	..	1	15	..
Belgian	.....	9	1	3	..	32	..	37	2	..	1	..	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czech and Slovak	.....	5	2	3	..	6	..	1	94	..	..	1	9	2	..	..	..	..	..	11	1	1	..	..	..	8	..
Danish	.....	33	15	21	..	3	1	..	..	49	..	1	12	..	2	..	..	..	9	1	1	..	..	4	..	..	..
Dutch	.....	43	30	34	6	6	..	4	2	1	411	..	25	1	1	..	..	..	2	2	..	3	..	5	..	3	..
Finnish	.....	5	1	..	..	..	..	..	..	..	1	28	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
German	.....	174	107	101	3	57	29	13	8	9	22	2	3,251	23	4	2	..	..	64	34	9	42	2	26	5	28	1
Hungarian	.....	8	..	2	..	1	2	..	1	..	1	..	19	358	..	..	..	..	3	2	3	2	..	2	..	4	..
Icelandic	.....	9	3	6	..	3	..	..	..	..	..	..	5	..	31	..	..	..	3	..	..	..	..	..	..	1	..
Indian	.....	1	2	1	..	8	..	..	..	..	..	..	..	..	..	482	12	..	2	..	..	..	..	..	..	1	..
Italian	.....	1	3	2	..	3	..	..	1	..	..	..	3	..	..	..	..	43	..	..	..	..	..	..	..	1	..
Jewish	.....	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Norwegian	.....	92	57	70	2	14	..	2	..	10	11	1	66	1	1	..	..	..	367	3	..	3	..	56	3	4	..
Polish	.....	8	6	5	..	7	4	..	6	..	..	1	28	2	4	3	..	..	..	431	3	7	..	1	..	116	..
Roumanian	.....	5	2	..	..	..	5	..	..	..	..	..	5	4	..	..	..	..	..	2	141	11	..	..	..	6	..
Russian	.....	6	6	4	..	1	11	..	1	..	..	..	38	1	1	..	..	..	78	3	7	394	2	..	..	25	..
Serb and Croat	.....	..	..	..	..	..	..	..	..	..	..	3	29	1	2	3	..	..	..	3	1	13	..	..	..	2	..
Swedish	.....	62	26	36	..	8	..	1	4	6	3	3	29	1	2	..	..	..	..	3	1	..	173	13	3	..	..
Swiss	.....	2	6	3	..	1	1	1	..	1	1	..	12	..	2	..	..	..	..	..	..	..	..	..	..	..	..
Ukraine (1)	.....	6	3	6	..	1	7	..	3	1	..	..	14	1	..	..	..	..	1	92	1	12	..	..	..	1,700	..
Other	.....	12	8	7	..	6	1	1	2	..	1	..	9	..	..	1	..	..	1	6	..	..	1	..	..	3	57
Children born to married mothers	T. ....M.	3,292	1,638	1,878	81	1,396	292	100	141	116	561	40	4,215	429	68	509	13	45	848	652	172	514	20	389	35	1,965	90
	.....F.	1,707	846	951	36	694	142	45	68	63	290	23	2,153	211	40	261	8	23	469	336	87	272	9	185	17	1,027	51
		1,585	792	927	45	702	150	55	73	53	271	17	2,062	218	28	248	5	22	379	316	85	242	11	204	18	938	39
Children born to unmarried mothers	T. ....M.	646	57	61	1	52	7	..	4	4	8	2	105	13	1	38	..	..	27	19	14	17	2	16	5	70	8
	.....F.	115	69	31	1	23	3	..	3	1	1	1	53	6	..	21	..	..	13	10	11	7	..	9	2	38	3
		46	24	30	..	29	4	..	1	3	7	1	52	7	1	17	..	..	14	9	3	10	2	7	3	32	5
Children born to all mothers	T. ....M.	3,407	1,695	1,939	82	1,448	299	100	145	120	569	42	4,320	442	69	547	13	45	875	671	186	531	22	405	40	2,035	98
	.....F.	1,776	879	982	37	717	145	45	71	64	291	24	2,206	217	40	282	8	23	482	346	98	279	9	194	19	1,065	54
		1,631	816	957	45	731	154	55	74	56	278	18	2,114	225	29	265	5	22	393	325	88	252	13	211	21	970	44

(1) Including "Galician" and "Bukovinian"

TABLE XXXVI—BIRTHS (Exclusive of Stillbirths)

Birthplace of Father	Total	Birthplace of Mother														
		Canada										British Isles				
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Province not specified	England	Ireland	Scotland	Wales	Other
Canada	8,361	23	56	37	345	896	942	3,970	103	32	..	351	38	173	8	1
Prince Edward Island.....	85	6	1	3	2	16	12	19	....	1	..	4	1	3	..	..
Nova Scotia	133	1	18	....	....	27	10	34	1	....	..	11	....	5	1	..
New Brunswick	68	....	1	8	....	13	8	14	1	....	..	6	....	4	..	..
Quebec	609	....	5	2	239	49	45	126	2	2	..	11	4	5	..	..
Ontario	2,051	10	16	12	40	541	202	518	22	11	..	164	19	81	5	1
Manitoba	1,390	3	7	5	30	108	397	498	21	5	..	48	5	24	..	..
Saskatchewan	3,888	3	8	6	34	139	256	2,702	36	11	..	94	9	45	1	..
Alberta	106	....	....	1	....	2	10	45	18	1	..	9	..	3	1	..
British Columbia	30	....	....	....	....	1	2	13	2	1	..	4	..	3	..	..
Province not specified	1	....	....	....	....	....	....	1	....	..	..	....	..	....	..	..
British Isles	2,230	11	13	9	27	213	167	562	21	12	..	565	95	204	32	1
England	1,433	2	5	5	15	138	109	362	15	5	..	479	25	62	18	1
Ireland	233	3	....	3	5	18	17	54	2	2	..	25	57	15	1	..
Scotland	495	5	7	1	6	49	38	133	2	4	..	52	10	122	2	..
Wales	67	1	1	....	1	8	3	12	2	1	..	9	2	5	11	..
Other	2	....	....	....	....	....	....	1	....	..	..	....	1	....	..	..
British Possessions	39	....	1	....	....	3	3	11	....	..	..	4	2	2	1	..
Newfoundland	14	....	....	....	....	1	3	4	....	..	..	....	..	1	..	..
Other	25	....	1	....	....	2	....	7	....	..	..	4	2	1	1	..
Europe	6,076	4	3	....	16	56	279	1,465	28	6	..	47	8	26	1	..
Austria	1,138	....	....	....	....	5	49	375	3	..	..	....	1	....	..	..
Belgium	89	....	1	....	4	3	13	17	....	..	..	2	..	2	..	..
Denmark	114	....	....	....	1	5	10	27	....	..	..	8	1	4	..	..
Finland	18	....	....	....	....	3	....	2	1	..	..	....	..	..	..	..
France	96	....	....	....	3	2	12	23	1	..	..	3	..	2	..	..
Germany	367	....	....	....	2	2	14	83	2	..	..	4	..	3	..	..
Holland	48	....	....	....	....	1	7	6	2	..	..	3	1	2	..	..
Hungary	351	....	....	....	1	1	3	86	3	1	..	3	..	..	..	..
Italy	17	....	....	....	....	....	....	2	....	..	..	1	1	1	..	..
Norway	311	1	2	....	1	14	11	49	....	..	..	6	1	4	1	..
Poland	1,070	1	....	....	1	2	48	211	3	1	..	2	1	1	..	..
Roumania	323	....	....	....	2	1	10	91	2	..	..	2	..	..	..	..
Russia (1)	1,712	....	....	....	....	6	85	398	9	3	..	1	..	2	..	..
Sweden	211	1	....	....	1	8	8	59	2	..	..	11	1	4	..	..
Other	211	1	....	....	....	3	9	36	....	1	..	1	1	1	..	..
Asia	42	....	....	....	1	....	2	5	....	3	..	..	..	2	..	..
China	12	....	....	....	1	....	....	1	....	3	..	....	..	1	..	..
Japan	5	....	....	....	....	....	....	1	....	..	..	....	..	..	..	..
Other	25	....	....	....	....	....	2	3	....	..	..	....	..	1	..	..
United States	2,733	6	14	13	62	208	178	821	29	6	..	105	13	31	2	..
Various	14	....	....	....	....	1	....	7	....	..	..	2	..	..	..	..
Not specified	4	....	....	....	1	....	1	1	....	..	..	....	..	..	..	..
Children born to married mothers	19,499	44	87	59	452	1,377	1,572	6,842	181	59	..	1,074	156	438	44	2
Children born to unmarried mothers	646	....	1	....	3	30	41	392	15	3	1	19	5	8	..	..
Children born to all mothers	20,145	44	88	59	455	1,407	1,613	7,234	196	62	1	1,093	161	446	44	2

(1) Including the Ukraine.

CLASSIFIED ACCORDING TO BIRTHPLACE OF PARENTS, 1933.

Birthplace of Mother																							
British Possessions		Europe															Asia				United States	Various	Not specified
Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Italy	Norway	Poland	Roumania	Russia (1)	Sweden	Other	China	Japan	Other				
3	11	67	13	3	1	15	39	5	22	..	14	68	22	146	24	13	..	..	1	917	1	1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	17	..	..
..	1	1	..	1	..	..	2	..	..	..	..	..	..	1	..	..	..	..	..	19	..	..
1	..	..	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	10	..	..
..	1	1	4	..	..	6	1	..	..	..	2	2	..	1	..	3	..	..	1	97	..	..
2	2	8	3	1	1	3	9	1	3	..	7	4	1	1	11	2	..	..	..	350	..	..
..	2	15	2	..	..	3	7	2	..	..	3	19	5	42	1	1	..	..	..	137	..	..
..	5	39	4	1	..	3	19	2	17	..	2	39	16	100	12	7	..	..	..	276	1	1
..	..	2	..	..	..	..	1	..	1	..	..	3	..	1	..	..	..	..	..	8	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
1	7	6	1	1	..	5	7	4	3	..	9	3	1	6	6	2	1	..	..	231	4	..
1	6	4	1	1	..	3	4	2	3	..	6	2	1	5	3	2	..	..	..	147	1	..
..	..	..	..	..	..	1	1	..	..	..	2	..	..	1	1	..	..	..	..	25	..	..
..	1	1	..	..	..	1	1	2	..	..	1	1	..	..	2	..	..	..	..	52	2	..
..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	7	1	..
..	
2	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	8	..	..
2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	5	..	..
..	1	681	43	43	11	38	192	18	246	11	135	816	191	1,103	64	131	..	..	..	406	7	..
..	..	598	..	..	..	..	11	..	7	..	..	26	10	30	1	2	..	..	..	20	..	..
..	..	..	31	..	..	5	..	1	1	..	..	..	1	..	..	..	..	..	..	8	..	..
..	..	..	..	40	1	..	..	..	..	..	..	1	..	..	1	1	..	..	..	14	..	..
..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..
..	..	..	5	..	..	30	..	..	..	..	..	1	1	2	..	..	..	..	..	11	..	..
..	..	7	2	..	..	..	143	2	2	..	1	11	4	23	..	6	..	..	..	56	..	..
..	..	1	2	..	..	..	4	14	..	..	..	..	..	..	..	..	..	..	..	5	..	..
..	..	6	..	..	..	..	2	..	225	..	1	1	5	4	..	1	..	..	..	8	..	..
..	..	..	..	..	..	..	..	..	..	11	..	..	..	..	..	1	..	..	..	..	..	..
..	..	..	..	1	1	1	2	..	..	..	122	..	1	1	7	..	..	..	..	84	1	..
..	..	21	..	..	..	1	7	..	1	..	..	709	7	32	..	2	..	..	..	19	..	..
..	..	11	..	..	..	1	..	..	5	..	1	8	148	22	..	3	..	..	..	16	..	..
..	..	33	1	..	..	..	18	..	3	..	..	46	10	986	..	3	..	..	..	102	6	..
..	1	..	1	2	2	..	2	..	..	..	10	..	..	..	55	1	..	..	..	42	..	..
..	..	4	1	..	..	..	3	1	2	..	..	13	4	3	..	111	..	..	..	16	..	..
..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	4	3	12	7	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	..	..	2	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	1	..	..
..	..	1	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	12	4	..	..
1	1	8	3	6	3	7	42	2	10	..	42	15	10	86	26	7	..	..	..	975	1	..
..	1	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
7	22	763	60	53	15	65	281	29	281	11	200	904	224	1,344	120	153	5	3	13	2,545	13	1	
..	1	5	..	2	1	2	1	..	5	..	2	16	9	14	6	5	..	..	..	56	1	2
7	23	768	60	55	16	67	282	29	286	11	202	920	233	1,358	126	158	5	3	13	2,601	14	3	

TABLE XXXVII—BIRTHS (exclusive of Stillbirths) TO RESIDENT AND NON-RESIDENT MOTHERS, AND BIRTHS IN INSTITUTIONS IN CITIES, 1933.

Cities	All Births				Births in Institutions				Births Elsewhere than in Institutions			
	Total	To resident mothers	To mothers non-resident in city where birth occurred and		Total	To resident mothers	To mothers non-resident in city where birth occurred and		Total	To resident mothers	To mothers non-resident in city where birth occurred and	
			Resident in province	Non-resident in province			Resident in province	Non-resident in province			Resident in province	Non-resident in province
Moose Jaw	463	320	141	2	395	265	129	1	68	55	12	1
North Battlef'd	230	87	143	..	197	65	132	..	33	22	11	..
Prince Albert	363	212	149	2	285	146	137	2	78	66	12	..
Regina	1,174	882	283	9	992	716	268	8	182	166	15	1
Saskatoon	892	659	221	12	638	443	185	10	254	216	36	2
Swift Current ..	150	81	68	1	95	43	52	..	55	38	16	1
Weyburn	111	70	41	..	68	32	36	..	43	38	5	..
Yorkton	147	86	61	..	84	28	56	..	63	58	5	..

TABLE XXXVIII—TOTAL BIRTHS (exclusive of stillbirths) AND BIRTHS IN INSTITUTIONS SHOWING THE NUMBER OF MOTHERS NON-RESIDENT IN PROVINCE, 1933

	All births		In institutions	
	Total	Births to mothers non-resident in province	Total	Births to mothers non-resident in province
Total for the province.....	20,145	83	6,259	56

MARRIAGES.

The number of marriages recorded in 1933 was 5,371. This was a numerical decrease of 401, or 6.9 per cent., compared with the previous year.

The rate was 5.6 per 1,000 population, and is the lowest rate since the year 1905, when it was 4.8.

The nationalities of the grooms are as follows: Canadian, 56.0 per cent.; British, 11.2; American, 12.0; others, 20.8. The nationalities of the brides are as follows: Canadian, 75.0 per cent.; British, 6.8; American, 8.4; others, 9.8.

TABLE XXXIX—MARRIAGES IN CITIES, TOWNS, VILLAGES AND RURAL MUNICIPALITIES. RATE PER 1,000. MIXING OF RACES. 1921-1933.

	Cities		Towns		Villages		Rural Municipalities		Province		Number of men from English-speaking countries marrying women from non-English speaking countries	Number of women from English-speaking countries marrying men from non-English speaking countries
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
1921-30.....	21,913	19.8	11,378	17.6	8,292	12.2	13,469	2.3	55,052	6.7	2,458	5,648
1931.....	2,214	14.9	1,133	17.5	935	12.1	1,418	2.2	5,700	6.2	254	721
1932.....	2,034	13.5	1,081	16.5	1,146	14.7	1,511	2.4	5,772	6.2	234	724
1933.....	1,715	11.2	999	14.9	1,038	13.0	1,619	2.5	5,371	5.6	155	745

TABLE XL—MARRIAGES IN CITIES, TOWNS, VILLAGES, RURAL MUNICIPALITIES AND PROVINCE BY MONTHS, 1933.

	Total	Jan.	Feb.	Mar	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Cities	1,715	119	113	106	131	126	360	86	80	125	165	172	132
Towns	999	68	55	79	85	73	158	65	53	50	103	132	78
Villages	1,038	73	75	67	63	55	134	65	39	49	145	186	87
Rural municipalities	1,619	101	119	57	112	69	198	159	61	52	228	347	116
Province ..	5,371	361	362	309	391	323	850	375	233	276	641	837	413

TABLE XLI—MARRIAGES IN CITIES, 1933.. SHOWING RESIDENTS AND NON-RESIDENTS.

Cities	Residents both parties	Residents groom only	Residents bride only	Total residents	Non-residents both parties
Moose Jaw	80	8	25	113	83
North Battleford.....	21	2	4	27	61
Prince Albert	52	11	11	74	111
Regina	264	40	55	359	161
Saskatoon	182	23	51	256	200
Swift Current	22	4	5	31	72
Weyburn	12	4	4	20	37
Yorkton	14	4	5	23	87
Total.....	647	96	160	903	812

TABLE XLII—MARRIAGES IN CITIES BY MONTHS, 1933.

Cities	Total	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Moose Jaw....	196	17	12	13	14	15	51	8	7	12	20	13	14
North Battleford..	88	2	10	4	10	8	19	2	2	9	8	9	5
Prince Albert	185	11	11	9	9	21	32	8	6	15	21	31	11
Regina	520	44	30	32	41	33	98	25	31	42	48	53	43
Saskatoon	456	27	36	38	33	35	97	29	21	35	36	35	34
Swift Current	103	12	2	9	10	6	18	5	5	5	10	11	10
Weyburn	57	2	3	1	4	4	20	2	2	5	8	1	5
Yorkton	110	4	9	....	10	4	25	7	6	2	14	19	10

TABLE XLIII—AGE AND CONDITION OF MEN WHO MARRIED IN SASKATCHEWAN, 1933.

Condition	Age period												Total
	20 and under	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 and over	
Bachelors who married	216	1,628	1,894	766	247	97	41	10	2	2	....	....	4,903
Spinsters	2	6	10	13	15	22	8	6	3	5	....	1	91
Widows .....	....	4	6	3	1	4	2	1	....	....	....	....	21
Divorcees	218	1,638	1,910	782	263	123	51	17	5	7	....	1	5,015
Total bachelors .....	....	8	19	38	48	39	30	9	9	5	4	1	210
Widowers who married .....	....	....	3	3	3	9	15	10	14	16	12	16	101
Spinsters .....	....	....	....	....	1	2	....	1	....	....	....	....	4
Widows .....	....	8	22	41	52	50	45	20	23	21	16	17	315
Divorcees .....	....	....	5	7	8	7	4	....	....	....	....	....	31
Total widowers .....	....	....	1	1	....	....	1	....	1	2	....	....	6
Divorced men who married.....	....	....	....	....	....	3	1	....	....	....	....	....	4
Spinsters .....	....	....	6	8	8	10	6	....	1	2	....	....	41
Widows	218	1,646	1,938	831	323	183	102	37	29	30	16	18	5,371
Divorcees .....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total divorced men .....	....	....	....	....	....	....	....	....	....	....	....	....	....
Total men.....	218	1,646	1,938	831	323	183	102	37	29	30	16	18	5,371

TABLE XLIV—AGE AND CONDITION OF WOMEN WHO MARRIED IN SASKATCHEWAN, 1933.

Condition	Age period											Total
	20 and under	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70 and over
Spinsters who married												
Bachelors	1,976	1,950	777	143	36	14	4	3	...	...	...	4,903
Widowers	40	66	46	25	13	5	9	3	2	1	...	210
Divorcees	3	12	10	4	2	...	...	...	...	...	...	31
Total spinsters	2,019	2,028	833	172	51	19	13	6	2	1	...	5,144
Widows who married												
Bachelors	4	6	8	14	25	16	7	4	4	2	1	91
Widowers .....	...	2	6	6	10	11	14	13	13	14	3	101
Divorcees .....	...	...	...	3	1	...	...	1	1	...	...	6
Total widows	4	8	14	23	36	27	21	18	18	16	4	198
Divorced women who married												
Bachelors	1	1	9	6	3	...	1	...	...	...	...	21
Widowers .....	...	...	1	2	...	...	...	1	...	...	...	4
Divorcees .....	...	...	2	1	...	1	...	...	...	...	...	4
Total divorced women	1	1	12	9	3	1	1	1	...	...	...	29
Total women	2,024	2,037	859	204	90	47	35	25	20	17	4	5,371

TABLE XLV—MARRIAGES—AGES OF BRIDEGROOMS AND BRIDES, 1933.

Age of bridegroom	Total grooms	Age of Bride																				45 and over										
		Un- der 16	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34		35	36	37	38	39	40	41	42	43	44
Under 18	5							1																								
18	28		2	3	11	6	7	4	5																							
19	76	2	2	9	20	19		8	10	19	3	2	1	2				1	1													
20	109		5	16	17	23	21	3	30	23	16	4	1	4			1		1													
21	358		10	27	58	48	55	82	41	55	15	9	8	7			1		1													
22	375		5	26	66	55	53	62	54	42	18	13	16	7			2		1													
23	448		13	31	49	58	61	89	50	30	32	17	16	7			6		2													
24	465	1	6	21	57	72	53	92	37	51	30	34	16	7			2		2													
25	485	1	15	19	58	50	61	83	50	36	29	22	20	11			2		2													
26	412		2	14	43	57	49	70	37	36	36	25	20	19			4		4													
27	378		4	17	33	40	38	58	41	29	37	27	30	12			7		3													
28	389	1	1	16	40	35	39	49	37	36	37	23	15	19			4		2													
29	274		1	12	16	32	26	34	23	26	22	20	17	12			4		2													
30	251		5	3	25	15	18	26	25	18	17	15	11	13			6		2													
31	190	1	3	4	17	23	19	26	6	26	17	20	17	12			3		1													
32	153		1	3	13	10	12	17	14	18	19	15	12	15			5		2													
33	114			7	6	7	3	11	13	15	8	9	12	11			7		3													
34	123		1	5	7	5	8	11	12	13	9	10	9	7			4		1													
35	71	1	1	1	4	6	6	4	8	8	7	7	3	2			2		1													
36	79		1	3	8	3	6	10	7	4	7	3	7	1			1		2													
37	49	1		1	2	2	3	1	3	6	5	1	2	5			3		1													
38	65				3	3	3	6	7	6	4	6	3	1			2		1													
39	59				4	2	2	7	3	6	6	3	2	1			6		1													
40	54				1	2	1	4	1	3	3	3	2	4			2		2													
41	37				1	1	1	2	5	2	2	3	3	4			1		1													
42	35					1		3	1	1	1	3	2	1			1		1													
43	25							1	2	1	1	1	2	5			2		2													
44	32							3	6	3	4	3	2	4			2		2													
45	28							2	1	1	2	1	1	1			1		3													
46	17							1		1	1	1	1	1			5		1													
47	20							1		1	1	1	1	1			2		1													
48	24							1		1	1	1	1	1			1		1													
49	13							1		1	1	1	1	1			1		1													
50-54	37							1		1	1	1	1	2			1		2													
55-59	29							2		1	1	1	1	1			1		1													
60-64	30							1		1	1	1	1	1			1		1													
65-69	16							2		1	1	1	1	1			1		1													
70-74	10									1	1	1	1	1			1		1													
75-79	7																															
80 and over	1																															
Total brides ..	5,371	13	84	242	560	577	548	773	495	426	343	276	220	165	103	95	62	37	47	30	28	30	16	16	9	19	10	8	12	7	10	110

TABLE XLVI—MARRIAGES—BIRTHPLACE OF BRIDEGROOMS AND BRIDES, 1933.

Birthplace of Bridegroom	Birthplace of Bride																							United States	Various	Not specified																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
	Total grooms	Canada								British Isles				British Pos- sessions		Europe																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
		Prince Edward Is.	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	England	Ireland	Scotland	Wales	Newfoundland	Other	Austria	Belgium	Denmark	Finland	France	Germany	Holland				Hungary	Norway	Poland	Roumania	Russia (1)	Sweden	Other																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Canada	3,007	3	12	4	39	166	185	2,056	53	19	97	17	46	5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

(1) Including the Ukraine.

TABLE XLVII—MARRIAGES—DENOMINATIONS OF CONTRACTING PARTIES, 1933.

Denomination of Groom	Denomination of Bride																										
	Adventists	Anglicans	Baptists	Brethren	Christians	Christian Science	Church of Christ	Evangelicals	Greek Catholics	Greek Orthodox	Holiness Movement	Jews	Lutherans	Mennonites	Mormons	Pentecostal	Presbyterians	Roman Catholics	Salvation Army	Unitarians	United Brethren	United Church	Oriental Religions	No religion	Other sects	Not stated	
Adventists	22	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Anglicans	611	296	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Baptists	131	12	46	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Brethren	16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Christians	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Christian Science ..	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Church of Christ ..	8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Congregationalists..	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Evangelicals	14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Greek Catholics	288	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Greek Orthodox.....	221	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Holiness Movement	5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Jews	20	3	18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Lutherans	698	35	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mennonites	224	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mormons	6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Pentecostal	32	3	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Presbyterians	369	60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Protestants	2	33	9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Roman Catholics ...	1,109	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Salvation Army	12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Unitarians	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
United Brethren ...	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
United Church	1,410	123	20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
*Oriental Religions	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
No religion	30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Other sects	120	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Not stated	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Total Brides	5,371	24	120	11	8	2	4	18	322	215	7	23	676	238	9	33	292	1,153	16	1	1	1	1,482	2	17	126	1

* Buddhists, Confucians, Mohammedans, Shintos, Sikhs, Hindus.

TABLE XLVIII—MARRIAGES—LITERACY OF BRIDEGROOMS AND BRIDES
CLASSIFIED BY BIRTHPLACE, 1933.

Birthplace	Bridegrooms			Brides		
	Total	Illiterate	Per cent illiterate	Total	Illiterate	Per cent illiterate
Total	5,371	63	1.2	5,371	55	1.0
Canada	3,007	44	1.5	4,029	38	0.9
Prince Edward Island	13	...	...	4	...	...
Nova Scotia	30	1	3.3	18	...	...
New Brunswick	15	...	...	5	...	...
Quebec	90	...	...	64	...	...
Ontario	445	2	0.4	273	...	...
Manitoba	393	3	0.8	315	1	0.3
Saskatchewan	1,962	37	1.9	3,240	37	1.1
Alberta	42	1	2.4	81	...	...
British Columbia	17	...	...	29	...	...
British Isles	590	...	...	361	...	...
England	377	...	...	214	...	...
Ireland	56	...	...	38	...	...
Scotland	143	...	...	96	...	...
Wales	14	...	...	13	...	...
British Possessions	13	...	...	5	...	...
Newfoundland	2	...	...	2	...	...
Other	11	...	...	3	...	...
Europe	1,104	18	1.6	519	16	3.1
Austria	74	3	4.1	28	1	3.6
Belgium	23	...	...	7	...	...
Denmark	46	...	...	7	...	...
Finland	5	...	...	2	...	...
France	15	...	...	7	...	...
Germany	97	...	...	43	...	...
Holland	12	...	...	2	...	...
Hungary	57	2	3.5	27	1	3.7
Italy	2	...	...	...	...	...
Norway	61	...	...	24	...	...
Poland	246	7	2.8	132	5	3.8
Roumania	58	3	5.2	33	4	12.1
Russia (1)	304	3	1.0	168	5	3.0
Sweden	53	...	...	19	...	...
Other	51	...	...	20	...	...
Asia	6	...	...	1	...	...
China	2	...	...	1	...	...
Other	4	...	...	1	...	...
United States	644	1	0.2	453	1	0.2
Various	7	...	...	2	...	...
Not specified .....	..	...	...	1	...	...

(1) Including the Ukraine.

TABLE XLIX—MARRIAGES—ILLITERACY OF CONTRACTING PARTIES BY RELIGIOUS
DENOMINATION, 1933.

Denomination	Bridegroom	Bride	Total
Anglican	11	9	20
Greek Catholics	8	8	16
Greek Orthodox	5	3	8
Lutherans	1	2	3
Mennonites	1	2	3
Other Sects	4	2	6
Presbyterians	2	..	2
Roman Catholics	27	27	54
United Church	1	2	3
Baptists	3	..	3
Total	63	55	118

DIVORCES

The number of divorces granted in 1933 was 48; a decrease of 13 compared with the previous year. This is the lowest number since 1926.

The divorce rate per 1,000 marriages is 8.9.

The total number of divorces granted since 1920 is 678, an average of 48.4 a year.

TABLE L—DIVORCES, 1933.

Number of divorces granted	48
Plaintiffs, husbands	23
Plaintiffs, wives	25
Number of divorces granted to persons who were married in Saskatchewan	28

TABLE LI—DIVORCES 1933. REASONS FOR DECREE.

Reason	Husband	Wife	Total
Adultery	23	23	46
Impotence	1	...	1
Incest	1	...	1
Total	25	23	48

TABLE LII—DIVORCES 1933. NUMBER OF YEARS MARRIED.

Number of years married	Number of divorces	Number of years married	Number of divorces
2 years	2	14 years.....	2
3 years	1	15 years.....	4
4 years	1	17 years.....	2
5 years	6	19 years.....	1
6 years	5	20 years.....	2
7 years	2	22 years.....	1
8 years	4	24 years.....	1
9 years	2	26 years.....	1
10 years	6	27 years.....	1
11 years	1	28 years.....	1
12 years	1	31 years.....	1

TABLE LIII—DIVORCES, 1933. RELIGIOUS DENOMINATION OF THOSE WHO WERE MARRIED IN SASKATCHEWAN.

Denomination	Husband	Wife	Total
Anglican	8	7	15
Baptist .....	..	1	1
Greek Orthodox	1	1	2
Lutheran	4	3	7
Mennonite	1	..	1
Fresbyterian	4	5	9
Roman Catholic .....	..	2	2
United	10	9	19

TABLE LIV—DIVORCES GRANTED, 1920-1933.

Year	By whom Husband	obtained Wife	Total
1920-1921	53	26	79
1922	25	7	32
1923	26	17	43
1924	22	6	28
1925	27	15	42
1926	27	20	47
1927	41	19	60
1928	27	28	55
1929	38	32	70
1930	34	28	62
1931	24	27	51
1932	27	34	61
1933	23	25	48
Total	394	284	678

DEATHS.

The number of deaths registered was 6,024, a decrease of 20. The rate of 6.3 per 1,000 of population is the lowest in the Dominion. In 1932 the rate was 6.5.

The urban and rural death rates both show a decrease. The urban rate is 6.6 and the rural rate 6.3. In 1932 the rates were 6.8 and 6.4 respectively.

In the cities, Prince Albert and Swift Current had the highest mortality with a rate of 8.1, and Weyburn had the lowest with a rate of 4.3. Among the other urban centers, Moosomin, with a rate of 15.6, had the highest mortality, and Battleford the lowest, 3.5.

According to Diagram III, the month of January had the highest death rate, and the month of July the lowest. The high rate for January, 8.7, was caused mainly by the large number of deaths from influenza occurring in that month.

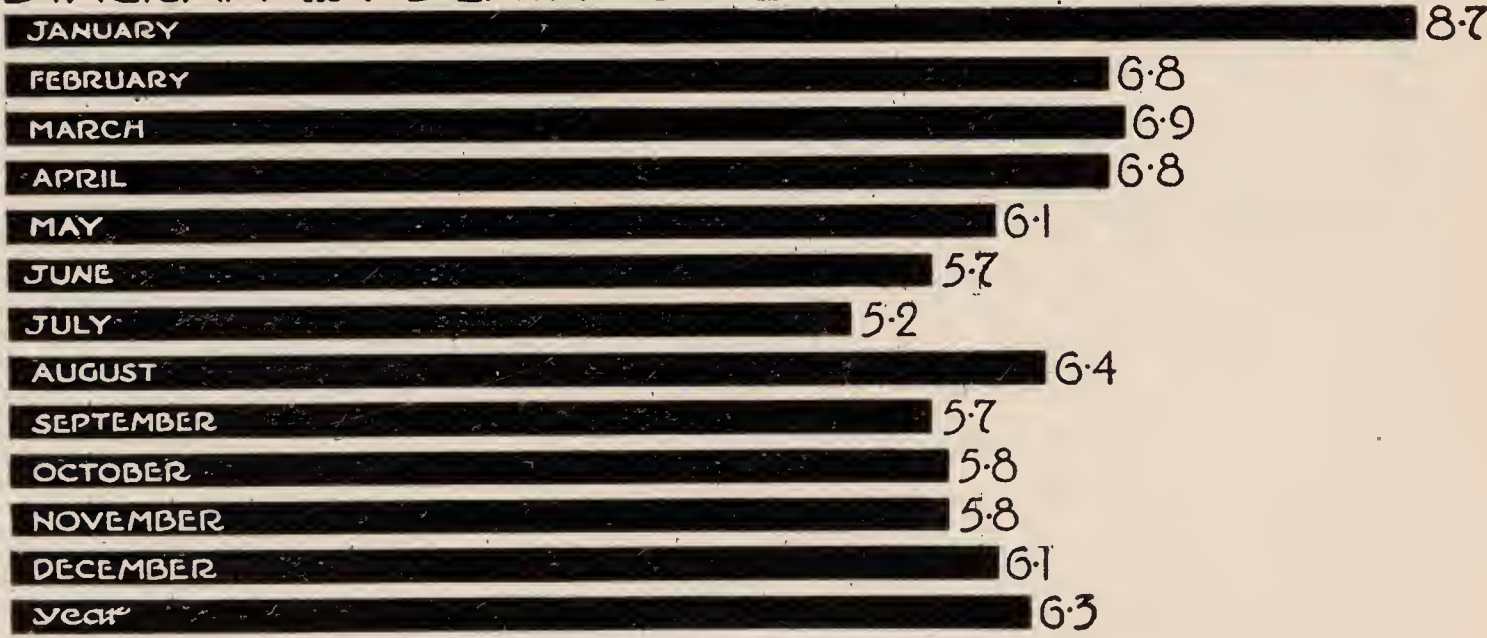
TABLE LV.—DEATHS IN PROVINCE BY MONTHS AND RATES. 1914-1933. (Residents only. Stillbirths excluded.)

Month	1914-1923		1924-1928		1929		1930		1931		1932		1933	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
January	4,859	8.4	2,609	7.6	782	10.8	577	7.9	525	6.8	539	6.9	688	8.7
February	4,493	7.7	2,427	7.1	543	7.5	472	6.4	500	6.5	507	6.5	539	6.8
March	5,306	9.1	2,736	8.0	600	8.3	509	6.9	588	7.7	520	6.7	548	6.9
April	4,844	8.4	2,834	8.3	625	8.7	588	8.0	565	7.4	550	7.1	536	6.8
May	4,430	7.6	2,640	7.7	570	7.9	520	7.1	533	6.9	515	6.6	482	6.1
June	3,813	6.6	2,172	6.3	497	6.9	503	6.8	463	6.0	503	6.5	455	5.7
July	3,729	6.4	2,182	6.4	469	6.5	458	6.2	492	6.4	416	5.4	416	5.2
August	4,205	7.2	2,257	6.6	536	7.4	535	7.3	439	5.7	439	5.6	508	6.4
September	4,650	8.0	2,427	7.1	491	6.8	630	8.6	446	5.8	569	7.3	453	5.7
October	5,150	8.9	2,440	7.1	536	7.4	574	7.8	506	6.6	501	6.4	456	5.8
November	6,598	11.4	2,297	6.7	526	7.3	485	6.6	523	6.8	438	5.6	463	5.8
December	4,670	8.0	2,636	7.7	540	7.5	458	6.2	486	6.3	547	7.0	480	6.1
Year.....	56,747	8.1	29,657	7.2	6,715	7.7	6,309	7.2	6,066	6.6	6,044	6.5	6,024	6.3

TABLE LVI—URBAN AND RURAL DEATHS BY MONTHS AND RATES PER 1,000, 1933.
(Residents only. Stillbirths excluded)

Months	Urban		Rural	
	Number	Rate	Number	Rate
January	140	8.7	548	8.7
February	126	7.9	413	6.5
March	109	6.8	439	6.9
April	115	7.2	421	6.7
May	106	6.6	376	5.9
June	102	6.4	353	5.6
July	85	5.3	331	5.2
August	100	6.2	408	6.5
September	92	5.1	361	5.7
October	100	6.2	356	5.6
November	95	5.9	368	5.8
December	95	5.9	385	6.1
Year.....	1,265	6.6	4,759	6.3

DIAGRAM III. DEATH RATE BY MONTHS . 1933 .



COMMUNICABLE DISEASES

Deaths from all communicable diseases numbered 776; a decrease of 7 compared with 1932. The death rate for this group was 81.6 per 100,000 of population. In 1932 it was 83.9.

Influenza had the highest rate in this group in 1933. The number of deaths from this cause was 318 with a rate of 33.4; the highest rate since 1929, when it was 50.7.

Among the causes in this group showing higher rates than in 1932 were influenza and tuberculosis. Lower rates were recorded for typhoid fever, measles, whooping cough and diphtheria.

Diagram V shows that the month of January had the highest death rate from these causes. The large number of deaths from influenza occurring in that month accounts for the high rate.

Table LX shows that in the cities, Prince Albert had the highest death rate from communicable diseases, and North Battleford the lowest.

The estimated financial loss to the province through deaths from these diseases is shown in Table LXI. The amount represents a loss of \$1.93 to each resident of the province.

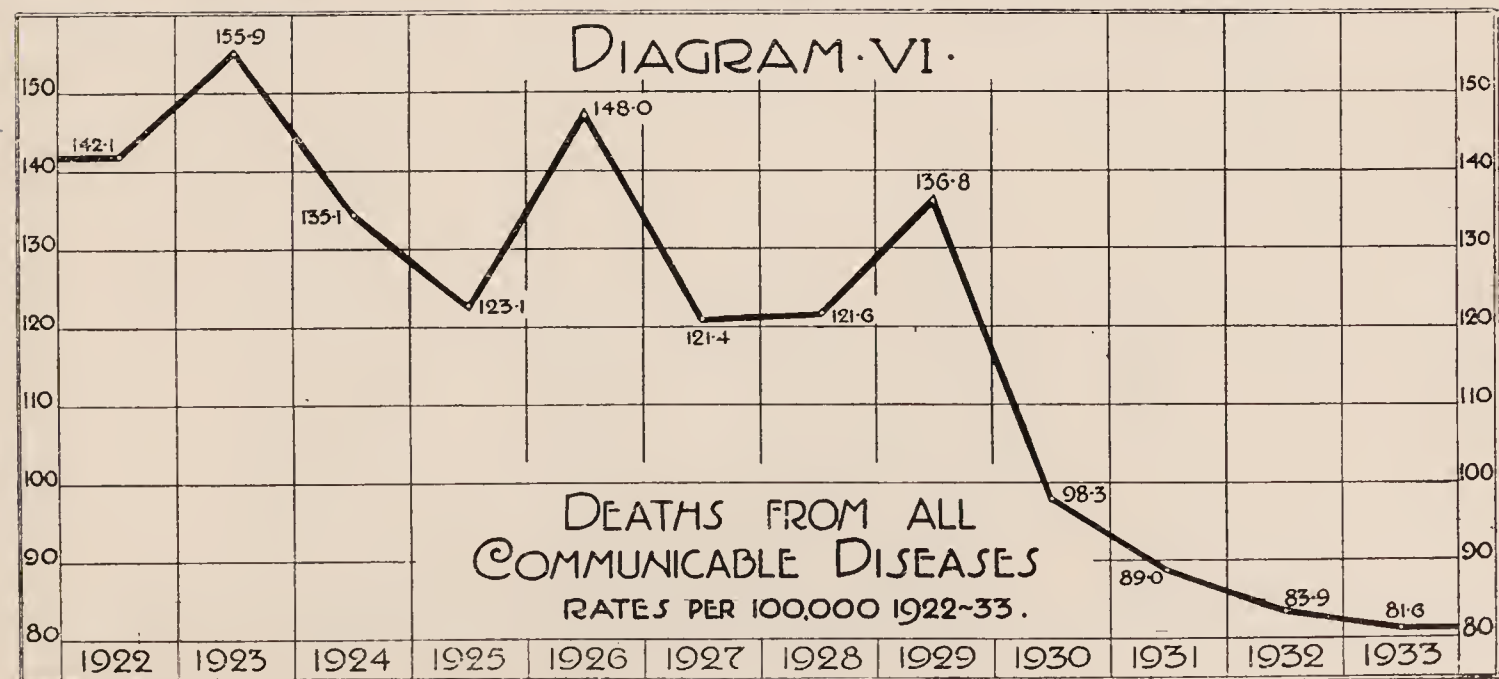
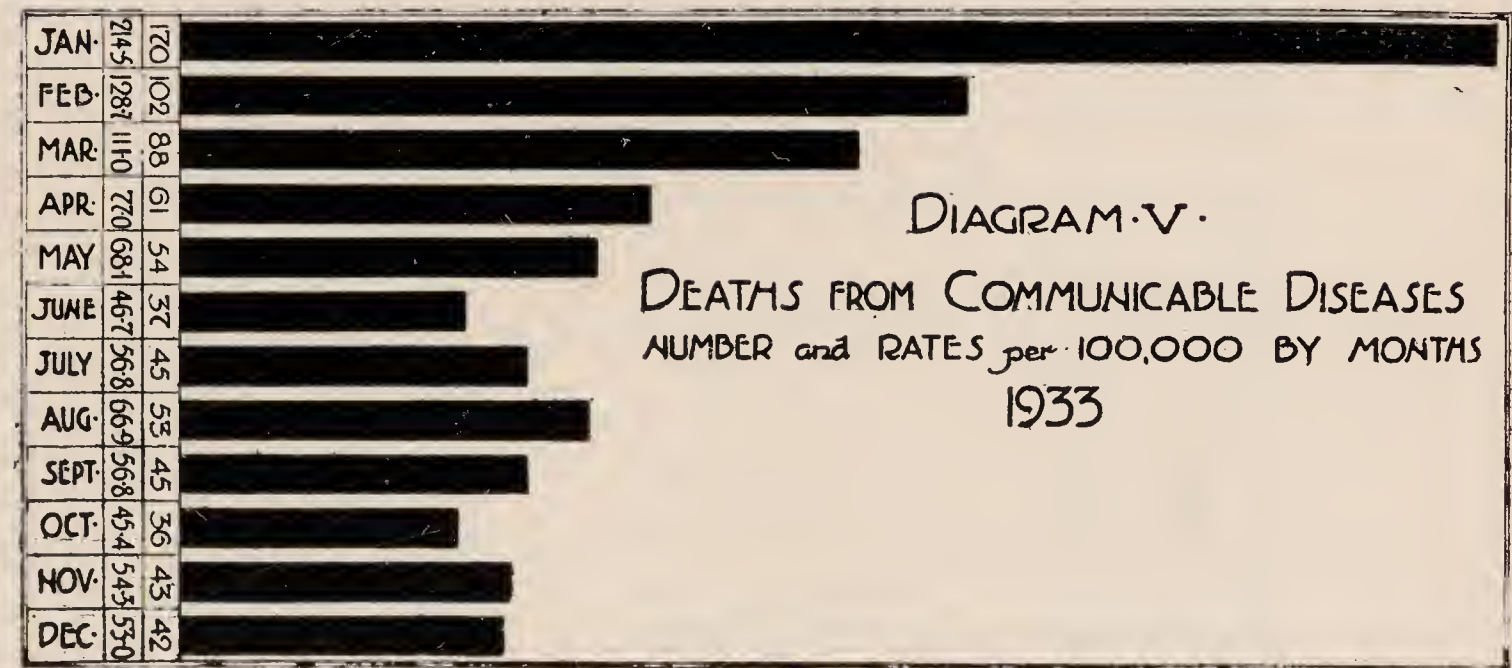
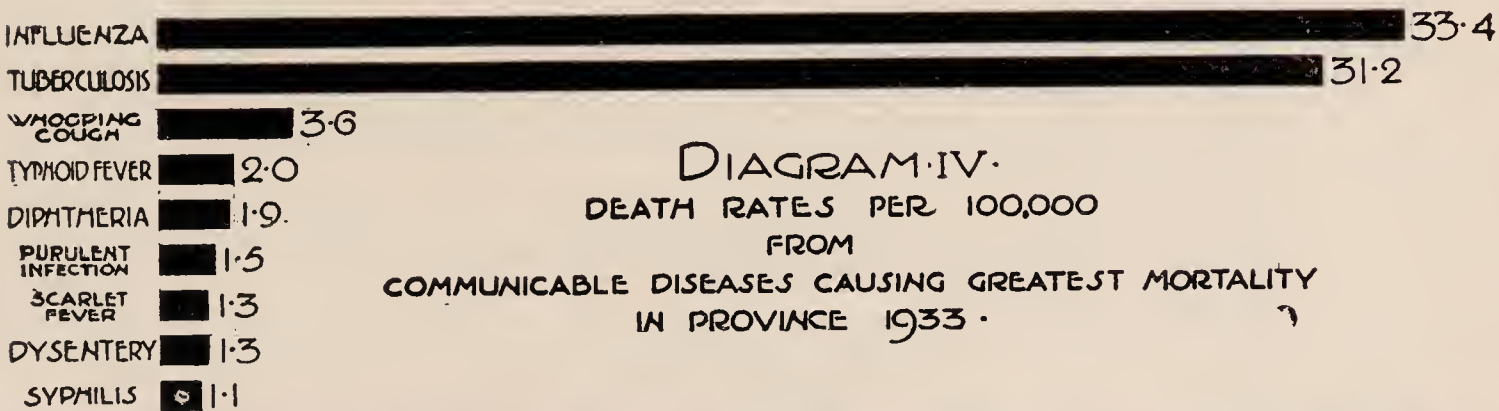


TABLE LIX--DEATHS FROM COMMUNICABLE DISEASES AND RATES PER 100,000, 1914-1933.

Disease	1914-1923		1924-1928		1929		1930		1931		1932		1933	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Typhoid and paratyphoid fever	670	9.6	148	3.6	23	2.7	29	3.3	25	2.7	24	2.6	19	2.0
Smallpox	16	.2	7	.2	3	.3	....	....	....	....	1	.1	1	.1
Measles	382	5.5	215	5.2	28	3.2	18	2.0	17	1.8	17	1.8	5	.5
Scarlet fever	343	4.9	133	3.5	43	5.0	10	1.1	15	1.6	6	.6	12	1.3
Whooping cough	646	9.3	348	8.5	58	6.7	54	6.1	54	5.9	40	4.3	34	3.6
Diphtheria	1,039	14.9	598	14.5	92	10.6	69	7.8	39	4.2	40	4.3	18	1.9
Influenza	6,223	89.3	1,406	34.2	439	50.7	158	17.9	251	27.2	261	28.0	318	33.4
Dysentery	388	5.6	60	1.5	8	.9	28	3.2	19	2.1	21	2.2	12	1.3
Erysipelas	152	2.2	87	2.1	30	3.5	18	2.0	17	1.8	15	1.6	9	.9
Acute poliomyelitis	37	.5	57	1.4	20	2.3	21	2.4	11	1.2	6	.6	8	.8
Lethargic encephalitis .....	....	....	73	1.8	15	1.7	5	.6	5	.5	10	1.1	4	.4
Epidemic cerebrospinal meningitis....	....	....	108	2.6	29	3.3	25	2.8	13	1.4	12	1.3	7	.7
Tetanus	10	.1	6	.1	....	....	3	.3	....	....	2	.2	1	.1
Tuberculosis	3,192	45.8	1,858	45.2	377	43.5	407	46.1	326	35.4	281	30.1	297	31.2
Syphilis	82	1.2	69	1.7	11	1.3	17	1.9	12	1.3	17	1.8	10	1.1
Gonococcus infection	8	.1	5	.1	1	.1	....	....	....	....	1	.1	1	.1
Purulent infection septicaemia	287	4.1	130	3.2	27	3.1	19	2.2	8	.9	19	2.0	14	1.5
Other infectious diseases	75	1.1	35	.9	4	.5	7	.8	8	.9	10	1.1	6	.6

TABLE LX—DEATHS FROM COMMUNICABLE DISEASES IN CITIES, 1933, (Residents only).

Disease	Moose Jaw	North Battleford	Prince Albert	Regina	Saskatoon	Swift Current	Weyburn	Yorkton	Total	Rate per 100,000
Scarlet fever (8) .....	..	..	..	..	1	..	..	..	1	.7
Whooping cough (9)	3	..	..	..	..	..	..	..	3	1.9
Diphtheria (10)	1	..	..	3	..	..	..	..	4	2.6
Influenza (11)	3	2	7	10	9	3	..	2	36	23.4
Dysentery (13) .....	..	..	..	..	..	..	1	..	1	.7
Erysipelas (15) .....	..	..	..	2	1	..	..	..	3	1.9
Acute poliomyelitis (16) ..	..	..	..	2	..	..	..	..	2	1.3
Lethargic encephalitis (17)	..	..	..	1	..	..	..	..	1	.7
Epidemic cerebrospinal meningitis (18) .....	..	..	..	1	..	..	..	..	1	.7
Tuberculosis (23-32)	6	..	3	20	13	2	1	1	46	29.9
Syphilis (34)	2	..	..	4	..	..	..	..	6	3.9
Gonococcus infection (35) ..	..	..	..	1	..	..	..	..	1	.7
Purulent infection (36) ....	..	..	..	2	..	..	..	..	2	1.3
Total	15	2	10	46	24	5	2	3	107	69.9
Rate per 100,000	68.3	32.4	97.9	83.6	53.7	91.5	38.8	57.8	69.9	

TABLE LXI—COST OF DEATHS FROM COMMUNICABLE DISEASES FOR THE PROVINCE, 1933.

Diseases	Number of Deaths			Funeral expenses Child \$50 Adult \$100	Life value Child \$500 Adult \$3000	Estimated cost of care including medical attendance	Total cost of care and medical attendance	Total cost
	Children under 15 years	Adults	Total					
Typhoid and paratyphoid fever.....	..	19	19	\$ 1,900	\$ 57,000	\$ 75	\$ 1,425	\$ 60,325
Smallpox	1	..	1	50	500	50	50	600
Measles	5	..	5	250	2,500	10	50	2,800
Scarlet fever	8	4	12	800	16,000	25	300	17,100
Whooping cough	34	..	34	1,700	17,000	10	340	19,040
Diphtheria	17	1	18	950	11,500	25	450	12,900
Influenza	127	191	318	25,450	636,500	25	7,950	669,900
Lysentery	9	3	12	750	13,500	10	120	14,370
Erysipelas	6	3	9	600	12,000	10	90	12,690
Acute poliomyelitis	3	5	8	650	16,500	50	400	17,550
Lethargic encephalitis	2	2	4	300	7,000	75	300	7,600
Cerebrospinal meningitis	5	2	7	750	8,500	50	350	9,600
Tetanus	1	..	1	50	500	75	75	625
Tuberculosis	67	230	297	26,350	723,500	600	178,200	928,050
Syphilis	1	9	10	950	27,500	300	3,000	31,450
Genococcus infection .....	..	1	1	100	3,000	25	25	3,125
Purulent infection	8	6	14	1,000	22,000	10	140	23,140
Mycosis .....	..	1	1	100	1,000	100	100	1,200
Chickenpox	1	..	1	50	500	10	10	560
Other infectious diseases	2	2	4	300	7,000	....	....	7,300
Total	297	479	776	\$63,050	\$1,583,500	....	\$193,375	\$1,839,925

CAUSES OF DEATH PRODUCING GREATEST MORTALITY.

These causes of deaths (exclusive of stillbirths) numbered 3,755. This is sixty-two per cent. of all deaths in the province in 1933.

As in previous years, heart diseases have the highest mortality rate. According to Table LXIII, the six first causes on this list show higher rates than in the previous year, influenza having the largest increase. The other six causes show decreases.

Death rates in the urban centers, as shown in Table LXII, are higher than in the rural areas for the following causes: tuberculosis, cancer, cerebral apoplexy, heart diseases, and accidental deaths.

TABLE LXII—CAUSES OF DEATH PRODUCING GREATEST MORTALITY, 1933.
URBAN AND RURAL RATES PER 100,000 (Residents only).

List No.	CAUSES	URBAN		RURAL	
		No.	Rate	No.	Rate
11	Influenza	48	25.0	270	35.6
23- 32	Tuberculosis	62	32.3	235	31.0
45- 53	Cancer	139	72.4	454	59.8
82- 84	Cerebral apoplexy. Paralysis and mental alienation	56	29.2	159	21.0
90- 95	Heart diseases	233	121.3	538	71.0
107-109	Pneumonia and bronchopneumonia.....	77	40.1	331	43.7
119-120	Diarrhoea and enteritis	17	8.9	117	15.4
130-132	Nephritis (acute and chronic)	31	16.1	226	29.8
158	Congenital debility	3	1.6	93	12.3
159	Premature birth	60	31.2	254	33.5
176-194	Accidental death	79	41.1	273	36.0
	Stillbirth	58	30.2	409	53.9

TABLE LXIII—CAUSES OF DEATH PRODUCING GREATEST MORTALITY AND RATES PER 100,000. 1914-1933.

List No.	CAUSES	1914-1923		1924-1928		1929		1930		1931		1932		1933	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
11	Influenza	6,223	89.4	1,406	34.1	439	49.7	158	17.5	251	27.2	261	28.0	318	33.4
23- 32	Tuberculosis	3,192	45.9	1,858	45.1	377	42.7	407	45.1	326	35.4	281	30.1	297	31.2
45- 53	Cancer	2,328	33.4	2,004	48.6	511	57.9	480	53.2	585	63.5	568	60.9	593	62.4
82- 84	Cerebral apoplexy. Paralysis and mental alienation	1,630	23.4	1,023	24.8	198	22.4	189	20.9	176	19.1	191	20.5	215	22.6
90- 95	Heart diseases	2,686	38.6	2,415	58.6	638	72.3	651	72.1	656	71.2	718	77.0	771	81.1
107-109	Pneumonia and bronchopneumonia	4,337	62.3	2,672	64.8	572	64.7	444	49.2	498	54.0	380	40.7	408	42.9
119-120	Diarrhoea and enteritis	2,931	42.1	1,114	27.0	192	21.7	352	39.0	232	25.2	229	24.5	134	14.1
130-132	Nephritis (acute and chronic)	1,341	19.3	1,059	25.7	217	24.6	277	30.7	244	26.5	268	28.7	257	27.0
158	Congenital debility	2,076	29.8	818	19.8	146	16.5	152	16.8	98	10.6	104	11.1	96	10.1
159	Premature birth	3,299	47.4	1,828	44.4	402	45.5	426	47.2	376	40.8	382	40.9	314	33.0
176-194	Accidental deaths	2,806	40.3	1,717	41.7	381	43.1	377	41.7	361	39.2	355	38.0	352	37.0
	Stillbirths	4,137	59.4	2,845	69.0	548	62.1	547	60.6	577	62.6	525	56.3	467	49.1

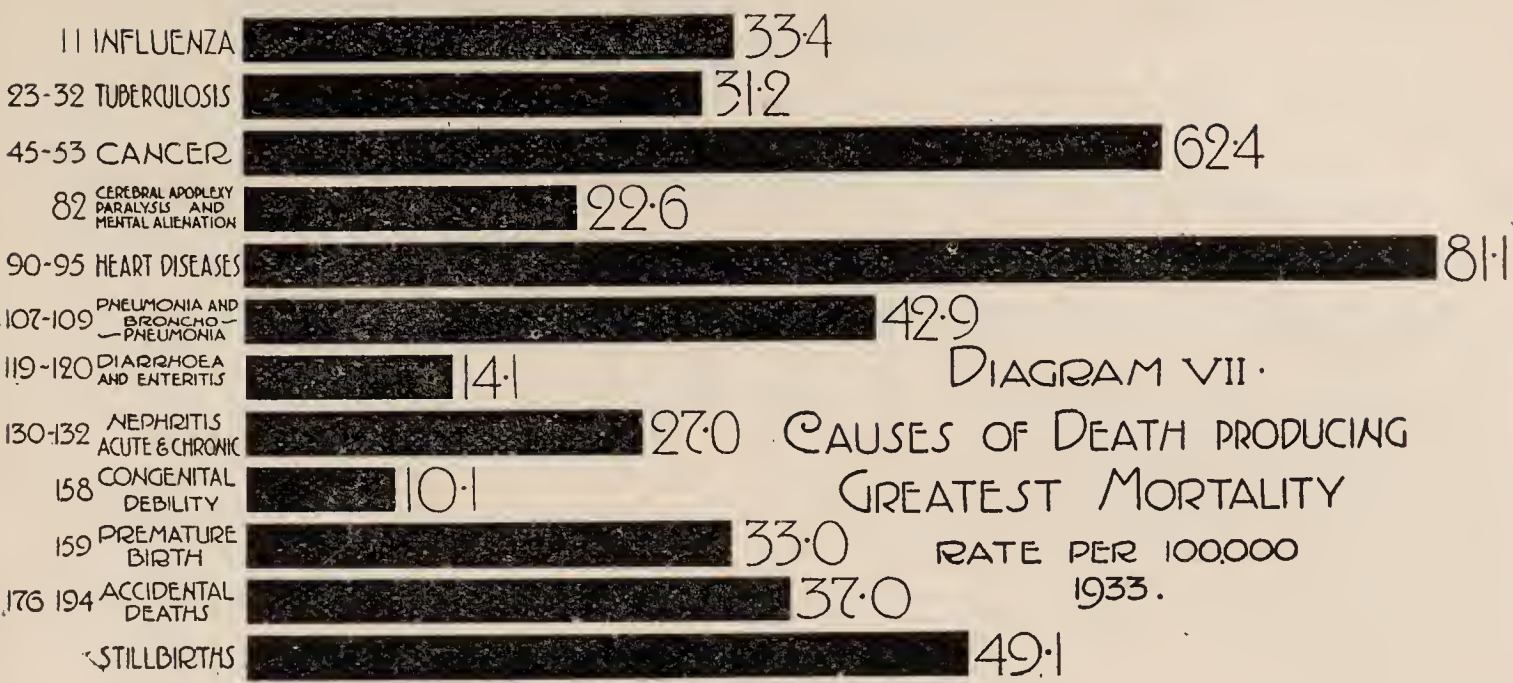


DIAGRAM VII.

CAUSES OF DEATH PRODUCING GREATEST MORTALITY

RATE PER 100,000 1933.

INFLUENZA.

The total deaths from this cause amounted to 318; a numerical increase of 57 over the previous year. The death rate for the year was 33.4, which is the highest since 1929, when it was 49.7. According to Diagram IX, the trend of this disease has been towards higher mortality for the past three years.

Diagram VIII shows the high mortality from this cause in January, the death rate being 169.1. August and September had the lowest mortality with a rate of 6.3. The number of deaths from influenza occurring in January was 134. This is forty-two per cent. of all deaths from this disease in 1933.

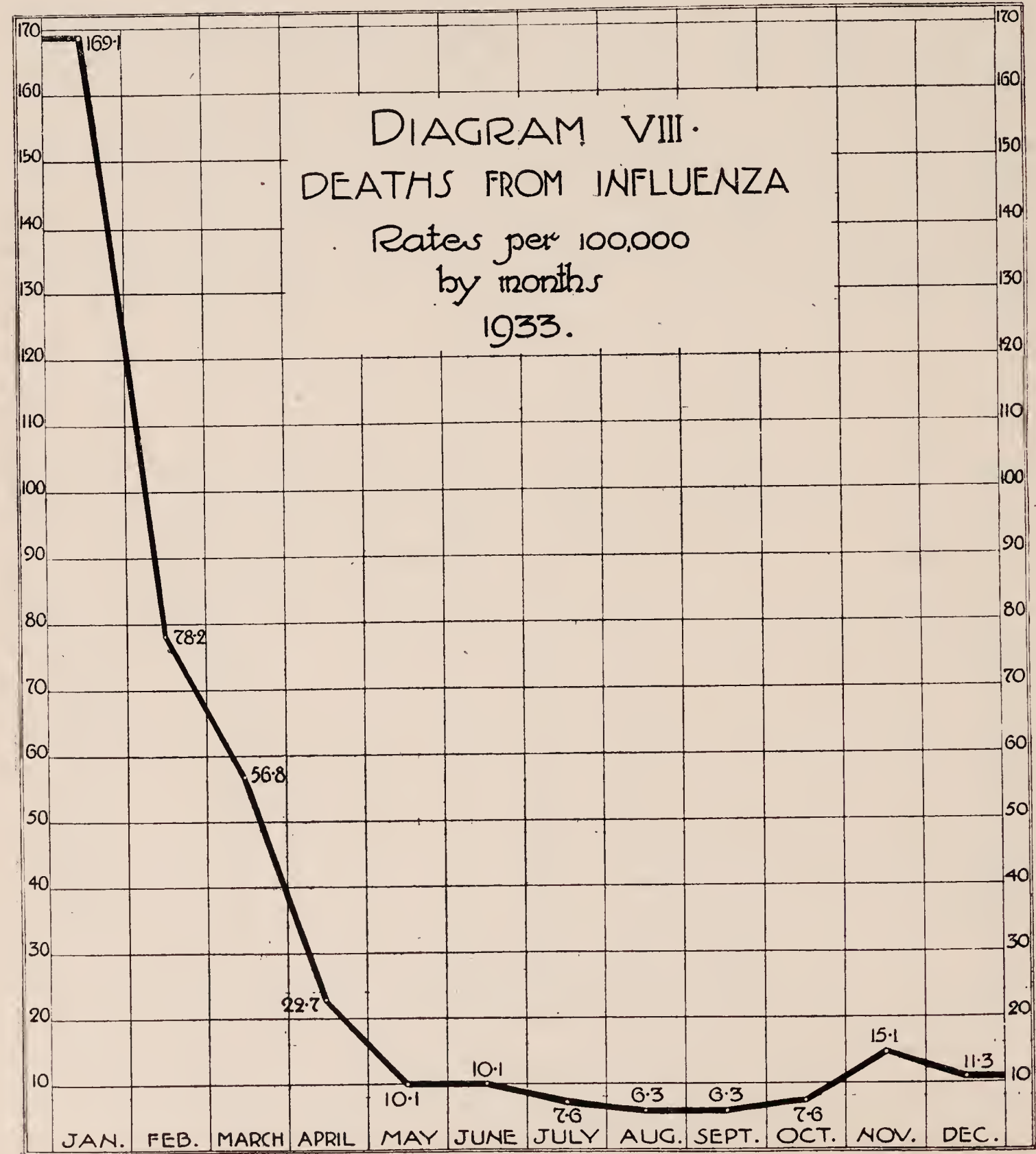
The deaths from this cause by age periods are given in Table LXV. As in previous years high rates are shown for those of seventy years of age and over, and for children under five years. The rates are based on the estimated population in each period.

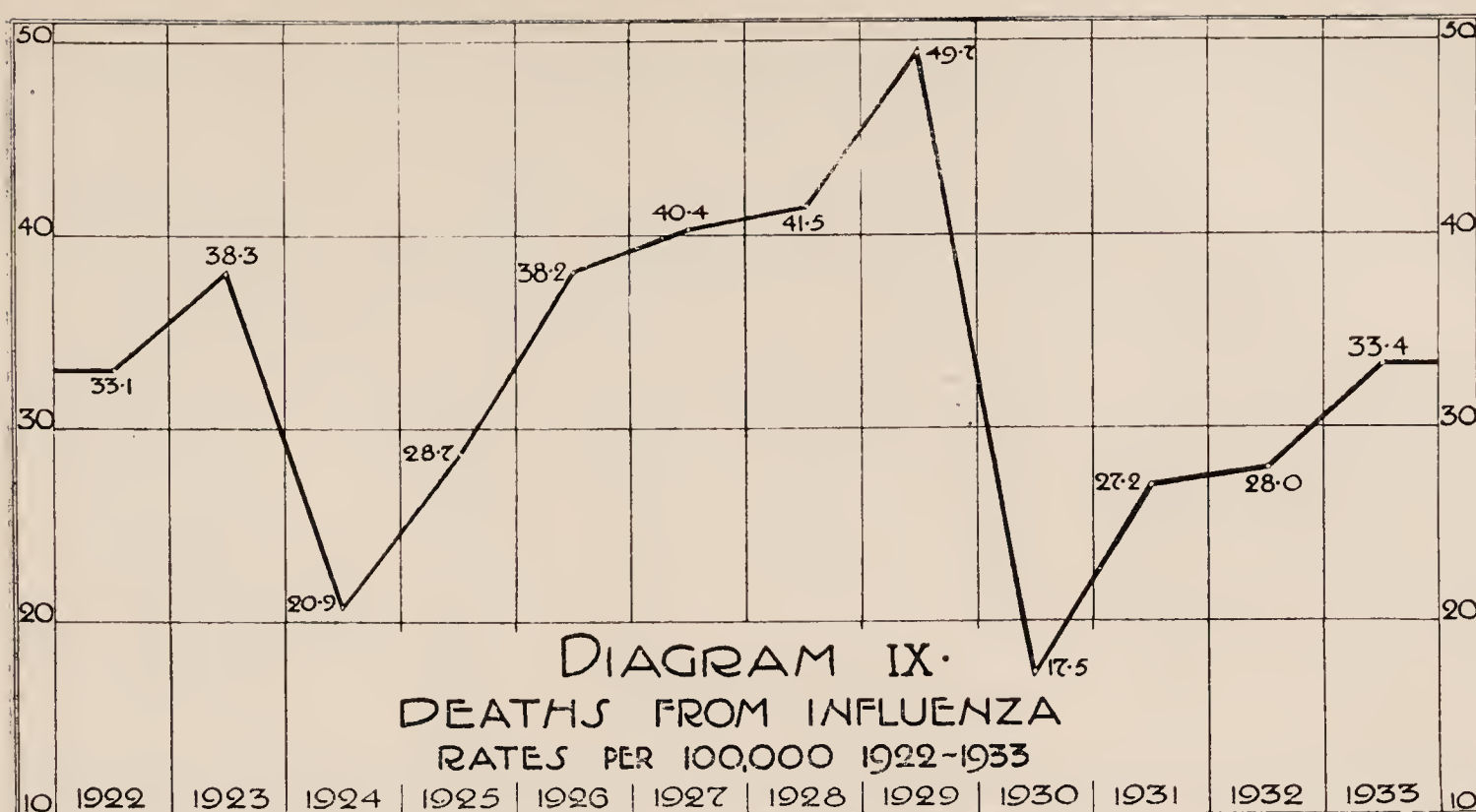
TABLE LXIV—DEATHS FROM INFLUENZA AND RATES PER 100,000 BY MONTHS, 1933.

Month	Male	Female	Total	Rate
January	68	66	134	169.1
February	30	32	62	78.2
March	27	18	45	56.8
April	9	9	18	22.7
May	3	5	8	10.1
June	6	2	8	10.1
July	1	5	6	7.6
August	3	2	5	6.3
September	4	1	5	6.3
October	2	4	6	7.6
November	3	9	12	15.1
December	5	4	9	11.4
Total.....	161	157	318	33.4

TABLE LXV—DEATHS FROM INFLUENZA AND RATES PER 100,000 OF POPULATION
IN EACH PERIOD, 1933.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years.....	59	51	110	101.3	7.6
5-9 years	2	4	6	5.2	5.0
10-14 years .....	....	11	11	9.7	8.5
15-19 years	9	4	13	12.5	8.3
20-29 years	6	3	9	5.8	2.7
30-39 years	7	7	14	11.6	4.3
40-49 years	10	9	19	16.5	3.7
50-59 years	15	12	27	39.5	3.9
60-69 years	11	12	23	70.6	3.0
70-79 years	16	26	42	280.2	4.8
80 years and over.....	25	18	43	1,344.6	7.9
Unknown	1	....	1	1,601.6	7.1
All ages	161	157	318	33.4	5.3





TUBERCULOSIS.

The deaths from this cause numbered 297, an increase of 16 over 1932. The death rate per 100,000 of population is 31.2. It was 30.1 in the previous year. Diagram XI, giving the death rates since 1914, shows that the mortality from this disease has been much lower during the past three years.

Diagram X, giving the deaths from this cause by age periods, shows the high mortality in the ages from twenty to twenty-nine, 21.1 per cent. of those dying from tuberculosis being classified in that age period. The death rate for males is 30.6, for females 31.9.

The number of Canadians who died from this cause is 192. This is 64.6 per cent of all deaths. One hundred and thirty-nine were born in Saskatchewan.

The following rural municipalities are in restricted areas for the eradication of bovine tuberculosis: Wolseley 155, Indian Head 156, South Qu'Appelle 157, Edenwold 158, Sherwood 159, Abernethy 186, North Qu'Appelle 187, Lumsden 189, Tullymet 216, Lipton 217, Cupar 218, Longlaketon 219, McKillop 220, Ituna Bon Accord 246, Last Mountain 250, Big Arm 251, Mount Hope 279, Wreford 280, Wood Creek 281, Dundurn 314, Montrose 315, Blucher 343, Cory 344, Logan-ton 345, Warman 374, Park 375.

The deaths under 15 years of age from tuberculosis in these municipalities were as follows:

R.M.	No. of Deaths	Cause of death		Age period
158.....	1	Tuberculosis of the lung.....	1	10 months
159.....	4	Tuberculosis of the meninges.....	2	3 years, 5 years
		Tuberculosis of the intestines.....	1	6 months
		Tuberculosis of the vertebral column	1	5 years
187.....	1	Tuberculosis of the meninges.....	1	4 years

TABLE LXVI—DEATHS FROM TUBERCULOSIS AND RATES PER 100,000 OF POPULATION IN EACH AGE PERIOD, 1933.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years.....	22	15	37	34.1	2.4
5 - 9 years	8	8	16	13.9	13.2
10-14 years	9	5	14	12.3	10.9
15-19 years	11	20	31	29.7	19.9
20-29 years	32	38	70	45.4	21.1
30-39 years	24	16	40	33.1	12.3
40-49 years	19	14	33	28.6	6.4
50-59 years	20	13	33	48.2	4.7
60-69 years	7	5	12	36.8	1.6
70-79 years	6	3	9	60.0	1.0
80 years and over.....	....	2	2	62.5	.4
All ages	158	139	297	31.2	4.9

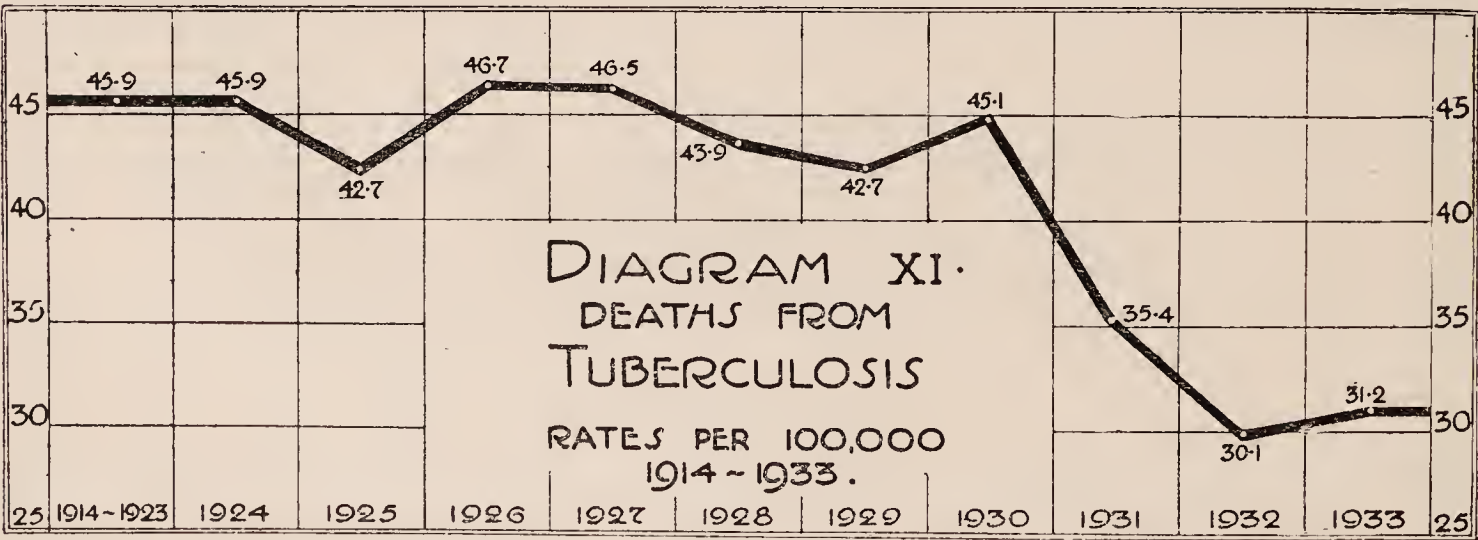
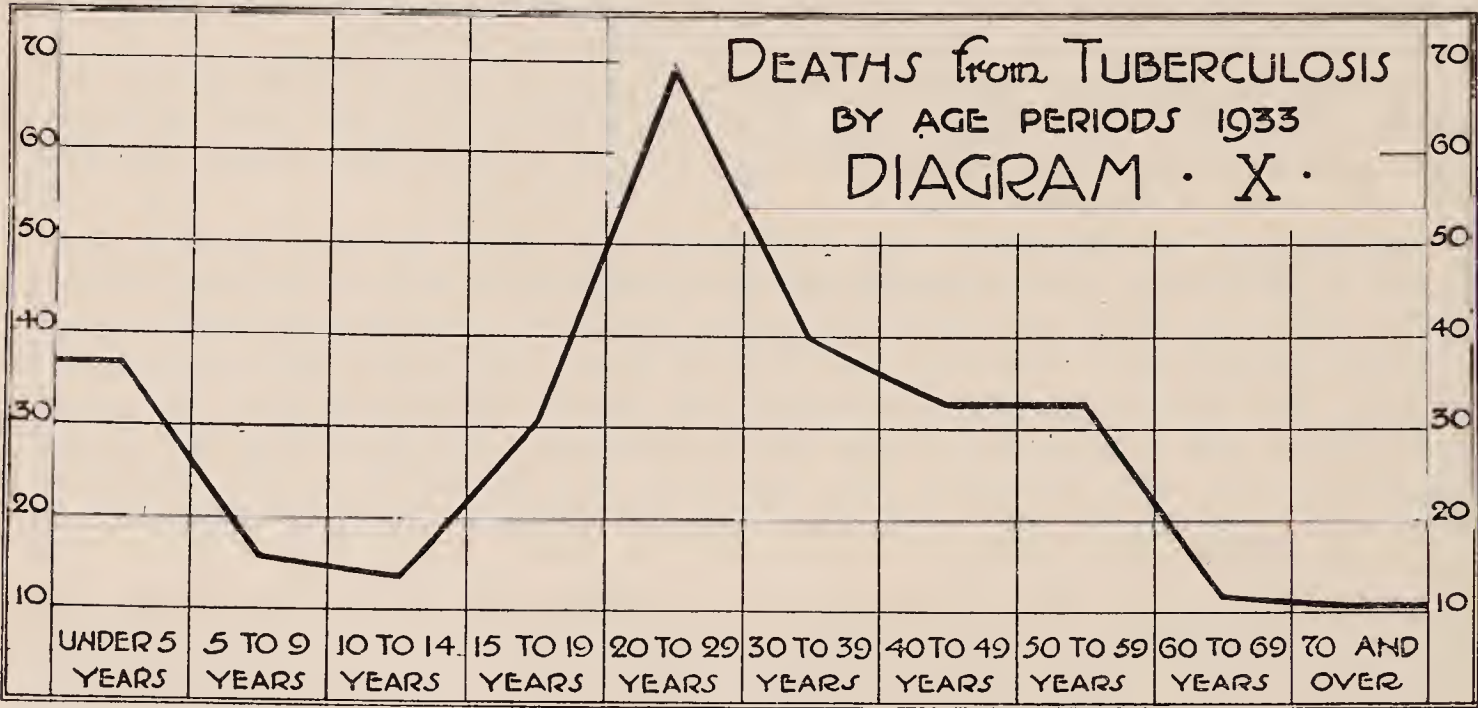


TABLE LXVII—DEATHS FROM TUBERCULOSIS BY BIRTHPLACE OF DECEASED, 1933.

Birthplace	Number	Percentage of total deaths from tuberculosis
Prince Edward Island	1	.3
Quebec	4	1.3
Ontario	28	9.4
Manitoba	12	4.0
Saskatchewan	139	46.8
Alberta	7	2.4
British Columbia	1	.3
Total for Canada	192	64.6
United Kingdom	25	8.4
Other British Dominions	1	.3
United States	21	7.1
Other countries	58	19.5
Total for other countries	105	35.4

TABLE LXVIII—DEATHS FROM TUBERCULOSIS BY OCCUPATION OF DECEASED, 15 YEARS AND OVER, 1933.

	Male		Female	
	Number	Percentage of total deaths in each occupation	Number	Percentage of total deaths in each occupation
Total	119	5.0	111	6.0
Farmers and farmers' sons	59	4.0	..	....
Laborers	22	9.6	..	....
Fishermen	1	50.0	..	....
Hunters and trappers	7	25.9	..	....
Butchers	1	11.1	..	....
Wood workers	1	20.0	..	....
Mechanics	2	18.2	..	....
Construction	2	4.7	..	....
Transportation and public utilities	2	11.1	..	....
Trade and finance	4	3.6	..	....
Police	1	16.7	..	....
Salesmen and saleswomen .....	..	....	1	33.3
Professional	1	14.3	1	14.3
Teachers .....	..	....	3	37.5
Personal service	5	8.9	14	12.1
Office employees	2	8.7	2	33.3
Housewives .....	..	....	59	4.3
Retired .....	..	....	1	50.0
No occupation	9	14.8	29	10.6
Occupation not available .....	..	....	1	4.2

TABLE LXIX—PROPORTIONATE MORTALITY (Stillbirths Excepted) FROM TUBERCULAR DISEASES BY DIVISIONAL PERIODS OF LIFE, 1914-1933.

Year	Under 20		20 to 39		40 to 59		60 and over	
	Tuber- cular diseases	All other causes	Tuber- cular diseases	All other causes	Tuber- cular diseases	All other causes	Tuber- cular diseases	All other causes
1914-23	3.2%	96.8%	12.5%	87.5%	6.9%	93.1%	1.8%	98.2%
1924	4.0%	96.0%	22.1%	77.9%	6.4%	93.6%	1.7%	98.3%
1925	4.2%	95.8%	21.1%	78.9%	7.3%	92.7%	1.4%	98.6%
1926	4.9%	95.1%	16.9%	83.1%	8.5%	91.5%	2.3%	97.7%
1927	4.9%	95.1%	20.4%	79.6%	7.6%	92.4%	1.7%	98.3%
1928	5.1%	94.9%	18.6%	81.4%	6.2%	93.8%	1.2%	98.8%
1929	4.4%	95.6%	17.6%	82.4%	6.6%	93.4%	1.4%	98.6%
1930	5.2%	94.8%	21.3%	78.7%	7.0%	93.0%	2.0%	98.0%
1931	5.2%	94.8%	17.5%	82.5%	5.6%	94.4%	1.1%	98.9%
1932	4.4%	95.6%	16.4%	83.6%	6.0%	94.0%	.6%	99.4%
1933	5.0%	95.0%	16.7%	83.3%	5.4%	94.6%	1.0%	99.0%

TABLE LXX—DEATHS FROM TUBERCULOSIS IN PUBLIC AND PRIVATE INSTITUTIONS, 1933.

Location	Name	No.
Canora	Hugh Waddell Hospital	1
Edam	Union Hospital	1
File Hills	Colony Hospital	2
Fort San	Sanatorium	43
Ile a la Crosse	Hospital	1
Indian Head	Union Hospital	1
Kerrobert	Union Hospital	1
Maple Creek	General Hospital	1
Melville	Municipal Hospital	1
Moose Jaw	General Hospital	4
Moose Jaw	Providence Hospital	7
Moosomin	Hospital	1
North Battleford	Mental Hospital	14
Ponteix	Gabriel Hospital	1
Prince Albert	Sanatorium	36
Prince Albert	Victoria Hospital	1
Regina	General Hospital	18
Regina	Grey Nuns Hospital	3
Saskatoon	City Hospital	5
Saskatoon	St. Paul's Hospital	4
Saskatoon	Sanatorium	24
St. Hubert	Mission Home	1
Swift Current	General Hospital	1
Tuberose	Red Cross Hospital	1
Wadena	Union Hospital	1
Weyburn	Provincial Hospital	8
Wilkie	Union Hospital	1
Yorkton	Victoria Hospital	1
Total .....	.....	184

CANCER.

The number of deaths from this cause increased by twenty-five in 1933. The death rate of 62.4 is the second highest in the history of the province. The highest rate recorded was 63.5 for the year 1931.

In 1933 there were two deaths from cancer for every one from tuberculosis. In 1924, tuberculosis had a higher mortality rate than cancer. Table LXIII shows the variations in the death rates from the causes producing greatest mortality since 1914.

The number of males dying from cancer decreased by seventeen, and the number of females increased by forty-two. The rates per 100,000 of population of each sex are as follows: males 53.9, females 72.4.

The deaths from cancer of the digestive tract accounted for 52.6 per cent. of all deaths of both sexes. The percentages of deaths from cancer of the genital organs are as follows: Males 12.9 per cent. of the total male cancer deaths; females 17.1 per cent. of the total female cancer deaths.

TABLE LXXI—DEATHS FROM CANCER BY ORGANS AND SEX AND RATE PER 100,000 POPULATION, 1933.

Organ	Male	Female	Total	Rate per 100,000
Buccal cavity and pharynx	28	6	34	3.6
Digestive tract and peritoneum.....	165	146	311	32.7
Respiratory organs	21	12	33	3.5
*Uterus .....	....	43	43	9.9
*Other female genital organs .....	....	11	11	2.5
Breast .....	....	59	59	6.2
*Male genito urinary organs	36	....	36	7.0
Skin	3	6	9	.9
Other or not specified organs	25	32	57	6.0
Total	278	315	593	62.4

*Rate for male or female population.

TABLE LXXII—DEATHS FROM CANCER AND RATE PER 100,000 IN EACH AGE PERIOD, 1933.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 20 years	7	8	15	3.4	.7
20-29 years	2	8	10	6.5	3.0
30-39 years	6	19	25	20.7	7.7
40-49 years	23	65	88	76.2	17.0
50-59 years	71	78	149	217.7	21.4
60-69 years	87	65	152	466.3	19.7
70-79 years	64	60	124	827.3	14.1
80 years and over	18	12	30	938.1	5.5
Total	278	315	593	62.4	9.8

TABLE LXXIII—DEATHS FROM CANCER, 1905-1933. RATES PER 100,000 AND RATES PER 1,000 DEATHS FROM ALL CAUSES.

Years	Number of deaths	Rate per 100,000	Rate per 1,000 Deaths from all causes
1905-1913	562	15.7	29.0
1914-1923	2,328	33.4	41.2
1924	349	44.1	60.5
1925	353	43.8	62.7
1926	387	47.1	63.9
1927	445	52.9	73.8
1928	470	54.5	76.2
1929	511	57.9	76.1
1930	480	53.2	76.1
1931	585	63.5	96.4
1932	568	60.9	93.4
1933	593	62.4	98.4

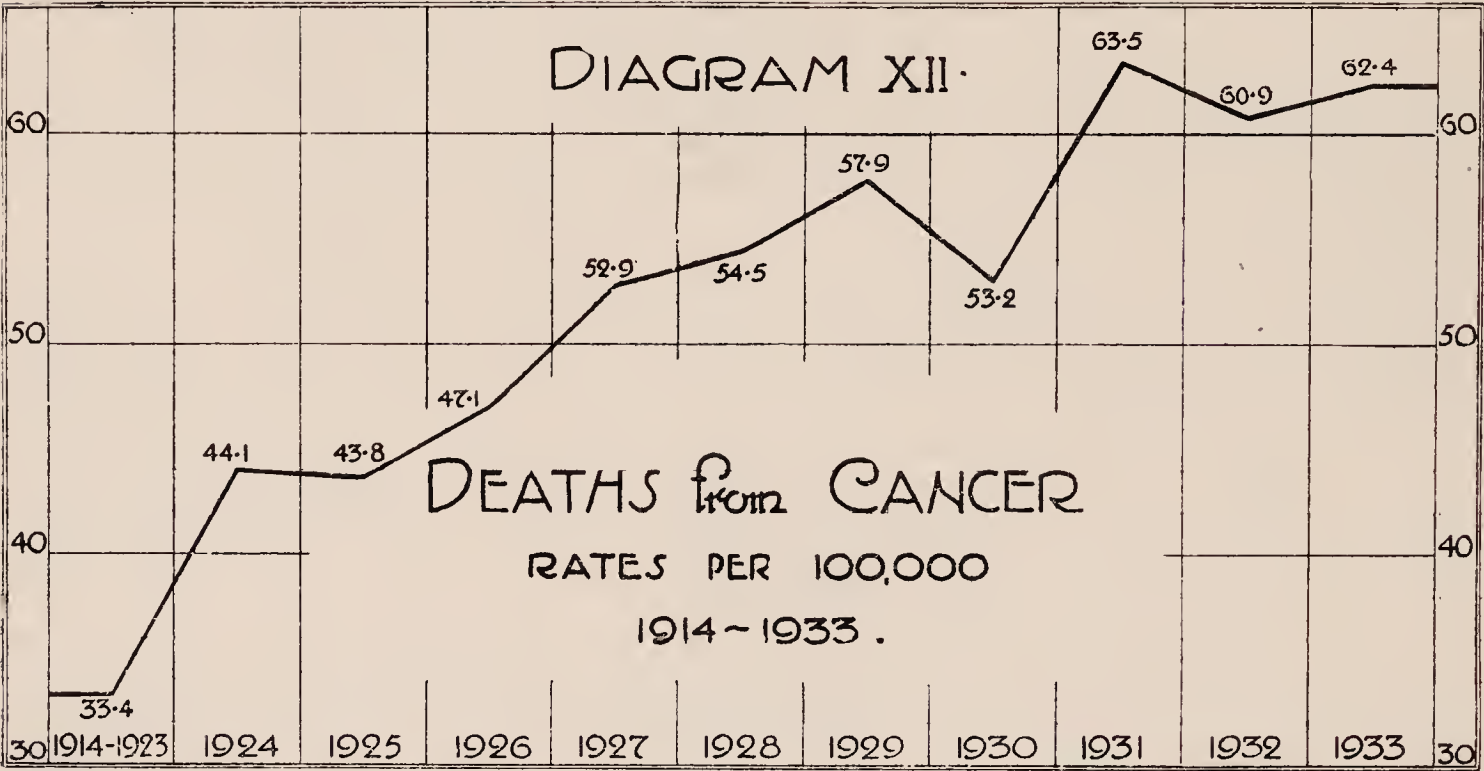


TABLE LXXIV—DEATHS FROM CEREBRAL APOPLEXY. PARALYSIS AND MENTAL ALIENATION, BY SEX, 1933.

Age	Male	Female	Total
20-29 years	4	3	7
30-39 years	3	3	6
40-49 years	15	12	27
50-59 years	12	12	24
60-69 years	29	18	47
70-79 years	35	35	70
80 years and over	16	18	34
All ages	114	101	215

HEART DISEASES.

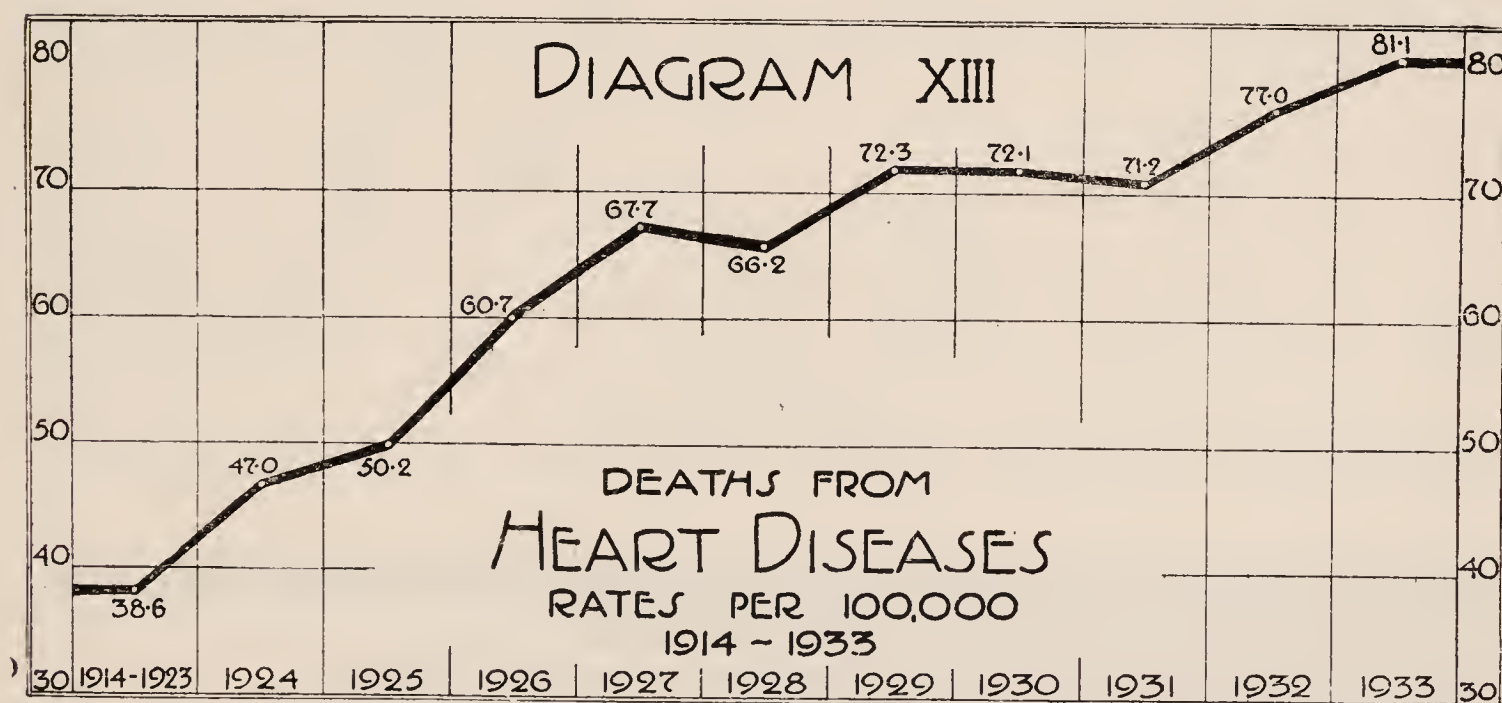
These diseases were the cause of the greatest mortality in 1933, as in previous years. The death rate has been ascending since 1923 as shown in Diagram XIII.

The numerical increase over the previous year was 53. The death rate per 100,000 of population was 81.1. Mortality from this cause is much higher among males than among females, as shown in the following rates; males 90.9, females 69.4.

Eighty per cent. of the deaths from heart diseases were among persons of fifty years of age or over.

TABLE LXXV—DEATHS FROM HEART DISEASES AND RATE PER 100,000 IN EACH AGE PERIOD, 1933.

Age	Male	Female	Total	Rate per 100,000 in each period	Percentage of total deaths in each period
Under 10 years.....	1	2	3	1.3	.2
10-19 years	10	9	19	8.7	6.6
20-29 years	10	10	20	13.0	6.0
30-39 years	12	13	25	20.7	7.7
40-49 years	47	32	79	68.4	15.3
50-59 years	87	42	129	188.5	18.5
60-69 years	118	48	166	509.3	21.6
70-79 years	110	94	204	1,361.0	23.2
80 years and over	70	52	122	3,814.9	22.5
Unknown	4	..	4	2,051.3	28.6
All ages	469	302	771	81.1	12.8



PNEUMONIA.

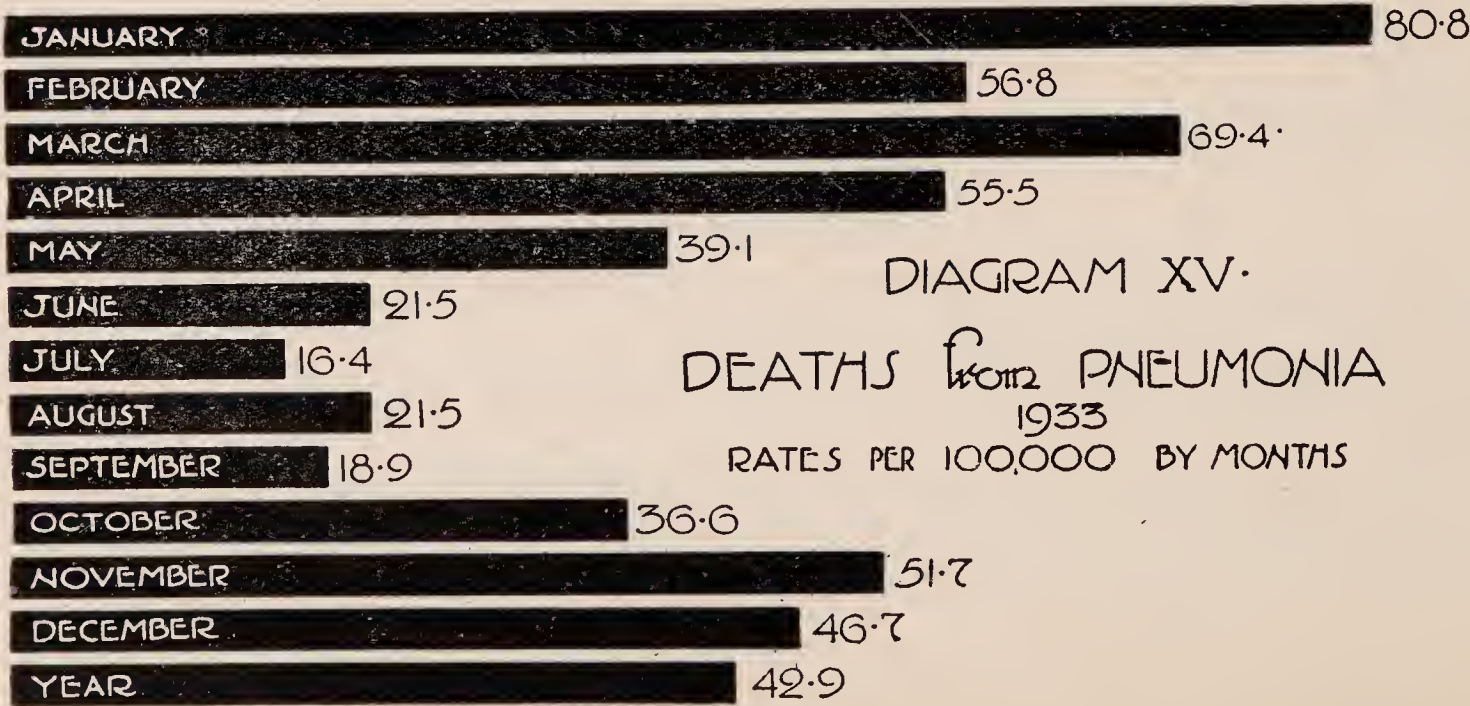
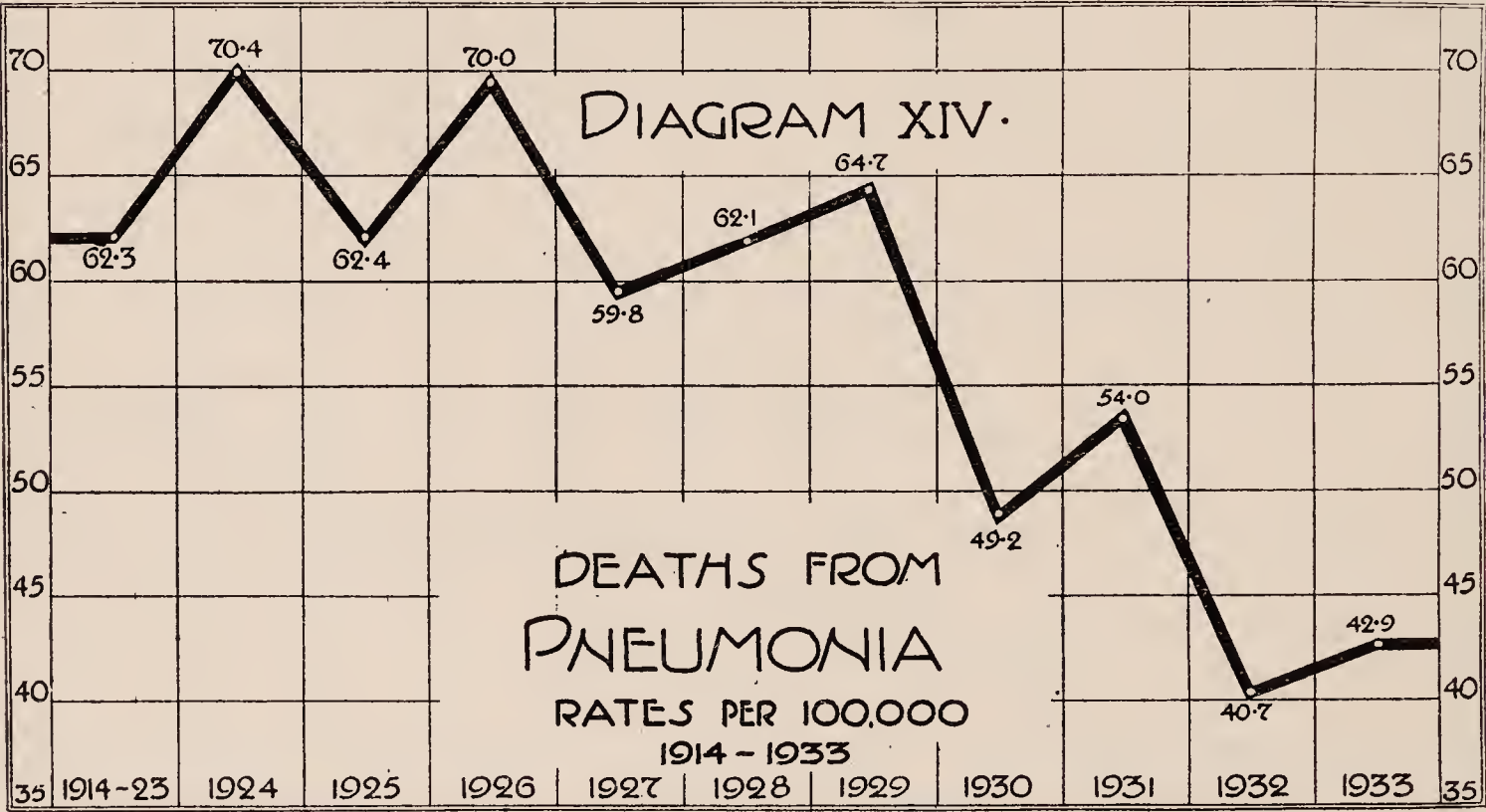
The mortality from this disease increased by twenty-eight in 1933, and the death rate was 42.9 per 100,000.

As shown in Diagram XV, the death rate for this cause was 80.8 in the month of January. The month of July had the lowest mortality with a rate of 16.4.

The death rate for males was 40.7, for females 43.2. The age period under five years had the highest mortality from this cause, 210, or 51 per cent. of the deaths occurring among children under five years of age.

TABLE LXXVI—DEATHS FROM PNEUMONIA AND RATES PER 100,000 IN EACH AGE PERIOD, 1933.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	105	105	210	193.4	13.6
5- 9 years	1	3	4	3.5	3.3
10-14 years	1	3	4	3.5	3.1
15-19 years	1	3	4	3.8	2.6
20-29 years	3	5	8	5.2	2.4
30-39 years	4	5	9	7.4	2.8
40-49 years	10	5	15	13.0	2.9
50-59 years	24	8	32	46.8	4.6
60-69 years	22	16	38	116.6	4.9
70-79 years	26	21	47	313.6	5.3
80 years and over	13	23	36	1,125.7	6.6
Unknown .....	..	1	1	512.8	7.1
All ages	210	198	408	42.9	6.8



DIARRHOEA AND ENTERITIS.

The number of deaths from this cause has been decreasing steadily for many years. In 1933 there were 134 deaths, a numerical decrease of 95 compared with the previous year.

The death rate per 100,000 was 14.1, the lowest since 1914, as shown in Table LXXIX.

As usual, the age period under one year had the highest mortality from this cause, 93 deaths, or 69 per cent. of the total deaths from diarrhoea and enteritis being of children under one year of age.

TABLE LXXVII—DEATHS FROM DIARRHOEA AND ENTERITIS BY AGE AND SEX, 1933.

Age	Male	Female	Total
Under 1 year	52	41	93
1- 4 years	13	10	23
5- 9 years	4	1	5
10-14 years .....	..	..	..
15-19 years .....	..	1	1
20-29 years .....	..	..	..
30-39 years	1	1	2
40-49 years .....	..	..	..
50-59 years	2	..	2
60-69 years	1	..	1
70-79 years	2	2	4
80 years and over	1	2	3
All ages	76	58	134

TABLE LXXVIII—DEATHS FROM DIARRHOEA AND ENTERITIS BY MONTH AND SEX, 1933.

Month	Male	Female	Total
January	5	4	9
February	6	1	7
March	8	3	11
April	7	2	9
May	2	..	2
June	8	4	12
July	7	10	17
August	7	14	21
September	8	10	18
October	7	7	14
November	3	2	5
December	8	1	9
Year	76	58	134

TABLE LXXIX—DEATHS FROM DIARRHOEA AND ENTERITIS BY SEX AND RATES PER 100,000, 1914-1933.

Year	Male	Female	Total	Rate	Year	Male	Female	Total	Rate
1914	69	59	128	21.9	1924....	129	105	234	29.5
1915	110	88	198	32.1	1925....	138	123	261	32.4
1916	138	105	243	37.5	1926....	133	98	231	28.1
1917	154	108	262	39.1	1927....	109	99	208	24.7
1918	155	106	261	37.8	1928....	103	77	180	20.9
1919	244	203	447	62.7	1929....	107	85	192	21.7
1920	209	172	381	51.8	1930....	203	149	352	39.0
1921	181	112	293	38.7	1931....	132	100	232	25.2
1922	203	164	367	47.7	1932....	134	95	229	24.5
1923	195	156	351	45.1	1933....	76	58	134	14.1

TABLE LXXX—DEATHS FROM NEPHRITIS (ACUTE AND CHRONIC) BY AGE AND SEX
1933.

Age	Male	Female	Total
Under 5 years	1	5	6
5- 9 years	1	..	1
10-14 years .....	..	..	..
15-19 years	5	2	7
20-29 years	2	4	6
30-39 years	7	4	11
40-49 years	14	13	27
50-59 years	23	21	44
60-69 years	37	21	58
70-79 years	29	28	57
80 years and over	21	19	40
All ages	140	117	257

VIOLENT OR ACCIDENTAL DEATHS

The number of deaths in this group was 459 in 1933, an increase of 19 over the previous year. The death rate per 100,000 was 48.3; for males 68.6, for females 24.1.

As usual the greatest cause of death in this group was suicide. The number was 93, an increase of 19 over the previous year. The rate was 9.8 per 100,000, the highest since 1930. Eighty-two per cent. of the suicides were males.

The number of deaths from automobile accidents was 32, a decrease of 3 compared with the previous year. The death rate of 3 per 100,000 is the second lowest in the Dominion. Prince Edward Island is the only province with a lower rate. Table LXXXV gives the results of the investigation into 27 deaths caused by automobile accidents.

TABLE LXXXI—VIOLENT OR ACCIDENTAL DEATHS AND RATES PER 100,000 IN EACH
AGE PERIOD, 1933.

Age	Male	Female	Total	Rate per 100,000	Percentage of total deaths in each period
Under 5 years	46	28	74	68.2	4.9
5- 9 years	17	4	21	18.3	17.4
10-14 years	20	4	24	21.1	18.6
15-19 years	25	2	27	25.9	17.3
20-29 years	51	7	58	37.6	14.5
30-39 years	47	16	63	52.1	19.4
40-49 years	51	8	59	51.1	11.4
50-59 years	48	8	56	81.8	8.0
60-69 years	23	9	32	98.2	4.2
70-79 years	12	8	20	133.4	2.3
80 years and over	8	11	19	594.1	3.5
Unknown	6	..	6	3,076.9	42.9
All ages	354	105	459	48.3	7.6

TABLE LXXXII—VIOLENT OR ACCIDENTAL DEATHS BY SEX, 1933.

Causes	Male	Female	Total	Rate per 100,000
Suicides	76	17	93	9.8
Drownings	49	10	59	6.2
Conflagrations and burns	21	28	49	5.2
Automobiles and motorcycles	22	10	32	3.4
Accidents caused by machines	27	2	29	3.0
Other land transportation	20	3	23	2.5
Acute accidental poisonings	19	3	22	2.3
Accidental mechanical suffocation	14	5	19	2.0
Injuries by animals	13	3	16	1.7
Railway accidents	14	1	15	1.6
Homicides	13	1	14	1.5
Firearms	12	..	12	1.3
Cutting or piercing instruments	10	2	12	1.3
Other violent or accidental causes....	44	20	64	6.7
Total	354	105	459	48.3

TABLE LXXXIII—SUICIDES BY MONTH AND SEX, 1933.

Month	Male	Female	Month	Male	Female
January	8	..	July	7	2
February	7	1	August	7	3
March	5	..	September	3	..
April	7	2	October	4	2
May	9	4	November	5	1
June	9	1	December	5	1
Total				76	17

CONJUGAL CONDITIONS—SUICIDES.

Under fifteen years of age	2
Single	33
Married	53
Widowed	5

TABLE LXXXIV—ALL VIOLENT OR ACCIDENTAL DEATHS BY MONTHS, 1933.

Month	Male	Female	Month	Male	Female
January	20	8	July	37	7
February	31	13	August	43	17
March	26	4	September	20	5
April	38	10	October	23	9
May	26	14	November	21	6
June	52	4	December	17	8
Total				354	105

CONJUGAL CONDITION—ALL VIOLENT OR ACCIDENTAL DEATHS

Under fifteen years of age	119
Single	126
Married	184
Widowed	30

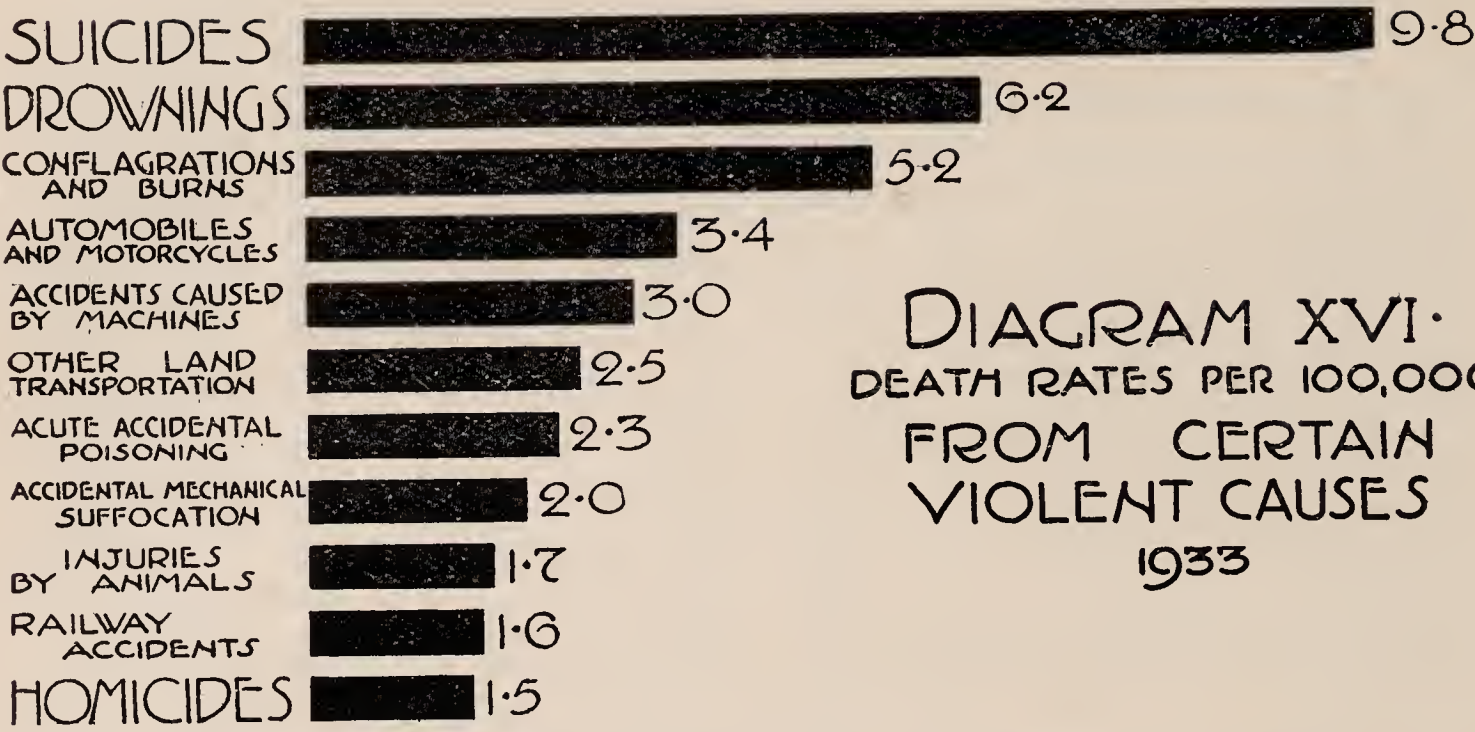


DIAGRAM XVI.
DEATH RATES PER 100,000
FROM CERTAIN
VIOLENT CAUSES
1933

TABLE LXXXV—DEATHS, 1933, AUTOMOBILE ACCIDENTS, RESULTS OF INVESTIGATION OF 27 OUT OF 32 ACCIDENTS.

Place of Accident	Conveyance	Condition of road	Sex of Operator
Highway 22	Automobile .. 26	Good 13	Male 25
Streets of cities and towns 5	Snowmobile... 1	Fair 7	Female 2
		Poor 3	
		Slippery 2	
		On curve .. 1	
		Unknown .. 1	

Rate of travel per hour	Weather	Nature of Accident	By Months
Under 30 miles 7	Fine 12	Overturned car 9	Feb. 1
Over 35 miles 7	Fair 10	Collision of automobiles 3	March 1
Stationary 1	Stormy.. 5	Ran into wagon or buggy.... 3	April 1
Unknown 12		Deceased falling from car... 2	May 1
		Deceased riding bicycle..... 2	June 2
		Deceased walking on road.. 2	July 2
		Deceased crossing road..... 2	Aug. 4
		While repairing car 1	Sept. 6
		Ran into fence 1	Oct. 4
		Struck by flying metal 1	Nov. 3
		Accidentally thrown in path of car 1	Dec. 2

DIPHTHERIA.

The mortality from this disease has been decreasing for many years. In 1933 the total number of deaths was 18, and the rate 1.9. This is the lowest death rate for diphtheria ever recorded in this province.

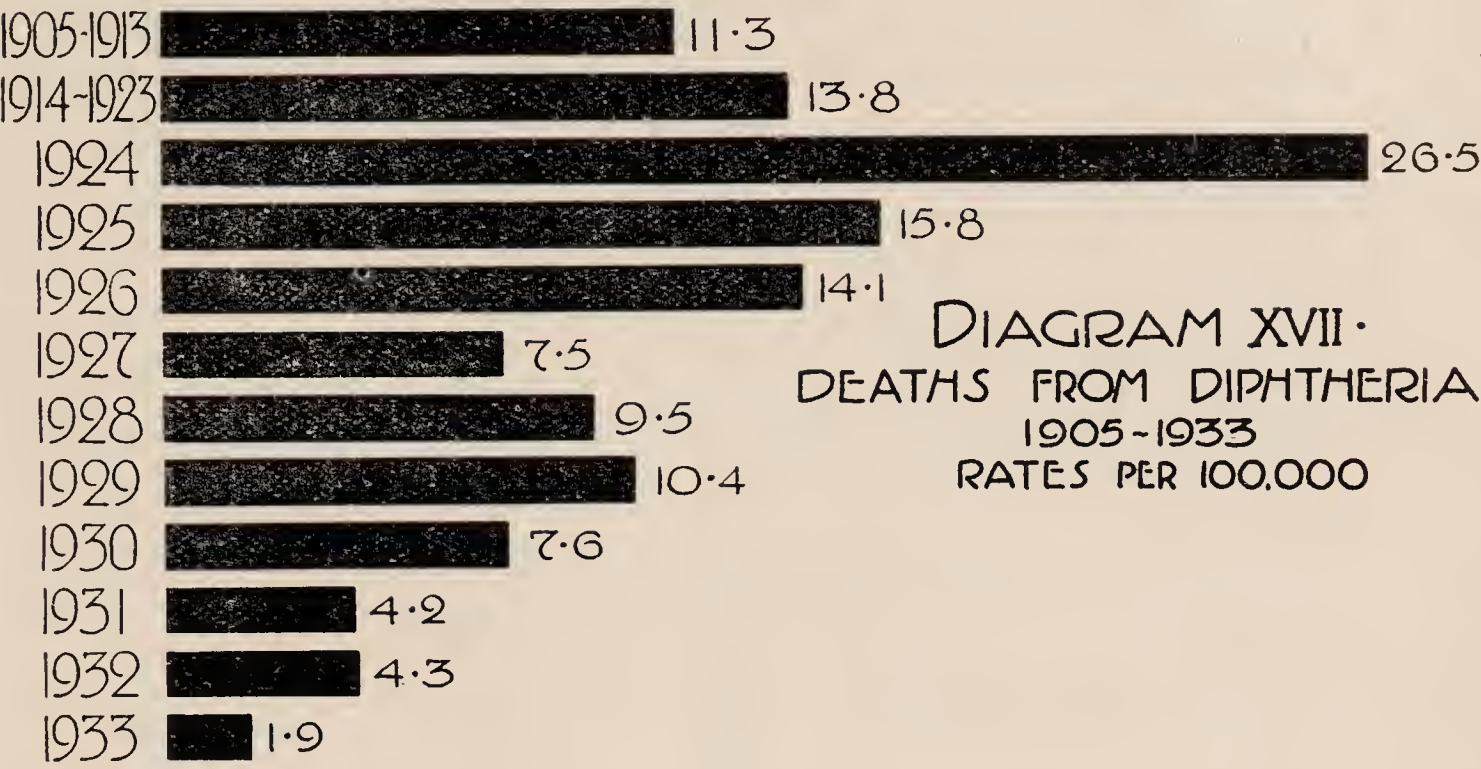


DIAGRAM XVII.
DEATHS FROM DIPHTHERIA
1905-1933
RATES PER 100,000

Active immunization to protect against diphtheria by means of Toxin Antitoxin and Toxoid was commenced in 1923.

STILLBIRTHS.

The number of stillbirths in 1933 was 467, a decrease of 58 compared with the previous year.

Table LXXXVI gives the number of stillbirths and the rate per 1,000 pregnancies since 1922. The number and the rate are lower in 1933 than in any of those years.

The villages have the highest rate. 2.6 per cent. of the total number of births were stillbirths. The rate for the province is 2.3.

TABLE LXXXVI—STILLBIRTHS, 1922-1933.

Year	Total Pregnancies	Stillbirths	
		No.	Rate per 1,000 Pregnancies
1922	22,815	561	24.6
1923	21,488	555	25.8
1924	22,149	610	27.9
1925	21,156	574	27.1
1926	21,272	556	26.1
1927	21,557	542	25.1
1928	21,824	563	25.8
1929	21,994	548	24.9
1930	22,598	547	24.2
1931	21,908	577	26.3
1932	21,339	525	24.6
1933	20,612	467	22.7

TABLE LXXXVII—STILLBIRTHS, 1933, PERCENTAGE OF TOTAL BIRTHS
(Residents only)

Municipalities	Total Births	Stillbirths	Percentage of Total Births
Cities	2,522	51	2.0
Towns	1,926	21	1.1
Villages	1,484	39	2.6
Rural municipalities	14,680	356	2.4
Province	20,612	467	2.3

TABLE LXXXVIII—STILLBIRTHS BY MONTHS AND NUMBER PER 1,000 BIRTHS, 1933.

Month	All Births	Stillbirths	Stillbirths per 1,000 births
January	1,732	40	23.1
February	1,679	46	21.4
March	1,927	44	22.8
April	1,898	47	24.8
May	1,663	36	21.6
June	1,708	39	22.8
July	1,700	30	17.6
August	1,791	41	22.9
September	1,696	35	20.6
October	1,546	34	22.0
November	1,663	43	25.9
December	1,609	32	19.9
	20,612	467	22.7

INFANT MORTALITY

The number of infant deaths recorded in 1933 was 1,231, a numerical decrease of 90. The rate per 1,000 living births was 61.1, and is the lowest recorded in this province.

The infant mortality rates for the different provinces are shown in Table X. The rate for Saskatchewan is the fourth lowest, and is 12.0 lower than the general rate for the Dominion.

The chief causes and rates per 1,000 living births are shown in Table XCVII. As usual, prematurity has the highest rate. The rate for communicable diseases has increased to 6.8. It was 5.1 in 1932.

Table XCII shows that the villages had the highest rate, 69.2, and the cities the lowest, 54.6. Among the cities, North Battleford had the highest infant mortality with a rate of 76.9, and Weyburn the lowest, 27.0.

TABLE LXXXIX—DEATHS OF CHILDREN UNDER ONE YEAR (Exclusive of Stillbirths)
BY AGES AT DEATH, 1933.

Ages		Total	Ages		Total
All infants	Total....	1,231	Under 1 month.....	Total....	695
	Male	696		Male	397
	Female	535		Female	298
Under 1 day	Total....	259	1 month and under	Total....	115
	Male	152	2 months	Male	60
	Female	107		Female	55
1 day	Total....	69	2 months and under	Total....	92
	Male	37	3 months	Male	59
	Female	32		Female	33
2 days	Total....	67	3 months and under	Total....	58
	Male	44	4 months	Male	40
	Female	23		Female	18
3 days	Total....	42	4 months and under	Total....	60
	Male	23	5 months	Male	32
	Female	19		Female	28
4 days	Total....	18	5 months and under	Total....	47
	Male	8	6 months	Male	24
	Female	10		Female	23
5 days	Total....	22	6 months and under	Total....	33
	Male	9	7 months	Male	17
	Female	13		Female	16
6 days	Total....	20	7 months and under	Total....	34
	Male	11	8 months	Male	16
	Female	9		Female	18
Under 1 week.....	Total....	497	8 months and under	Total....	33
	Male	284	9 months	Male	18
	Female	213		Female	15
1 week and under	Total....	79	9 months and under	Total....	15
2 weeks	Male	42	10 months	Male	7
	Female	37		Female	8
2 weeks and under	Total....	67	10 months and under	Total....	24
3 weeks	Male	36	11 months	Male	13
	Female	31		Female	11
3 weeks and under	Total....	52	11 months and under	Total....	25
1 month	Male	35	12 months	Male	13
	Female	17		Female	12

TABLE XC—INFANT MORTALITY, 1933, DEATH RATES (Exclusive of Stillbirths).

Age	Death rate per 1,000 living births	Percentage of infant mortality
All infants	61.1	.....
Under 1 day	12.9	21.0
1 day and under 1 week	11.8	19.3
1 week and under 2 weeks	3.9	6.4
2 weeks and under 3 weeks	3.3	5.5
3 weeks and under 1 month	2.6	4.2
1 month and under 2 months	5.7	9.3
2 months and under 3 months	4.6	7.5
3 months and under 4 months	2.9	4.7
4 months and under 5 months	3.0	4.9
5 months and under 6 months	2.3	3.8
6 months and under 7 months	1.6	2.7
7 months and under 8 months	1.7	2.8
8 months and under 9 months	1.6	2.7
9 months and under 10 months .....	.7	1.2
10 months and under 11 months	1.2	2.0
11 months and under 12 months	1.3	2.0

TABLE XCI—TOTAL DEATHS (Exclusive of Stillbirths) AND DEATHS IN INSTITUTIONS OF CHILDREN UNDER ONE YEAR OF AGE, SHOWING THE NUMBER NON-RESIDENT IN THE PROVINCE, 1933.

	All Deaths under One Year						In Institutions					
	Total			Non-resident in province			Total			Non-resident in province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the province ..	1,231	696	535	7	5	2	282	163	119	3	2	1

INFANT MORTALITY 1933

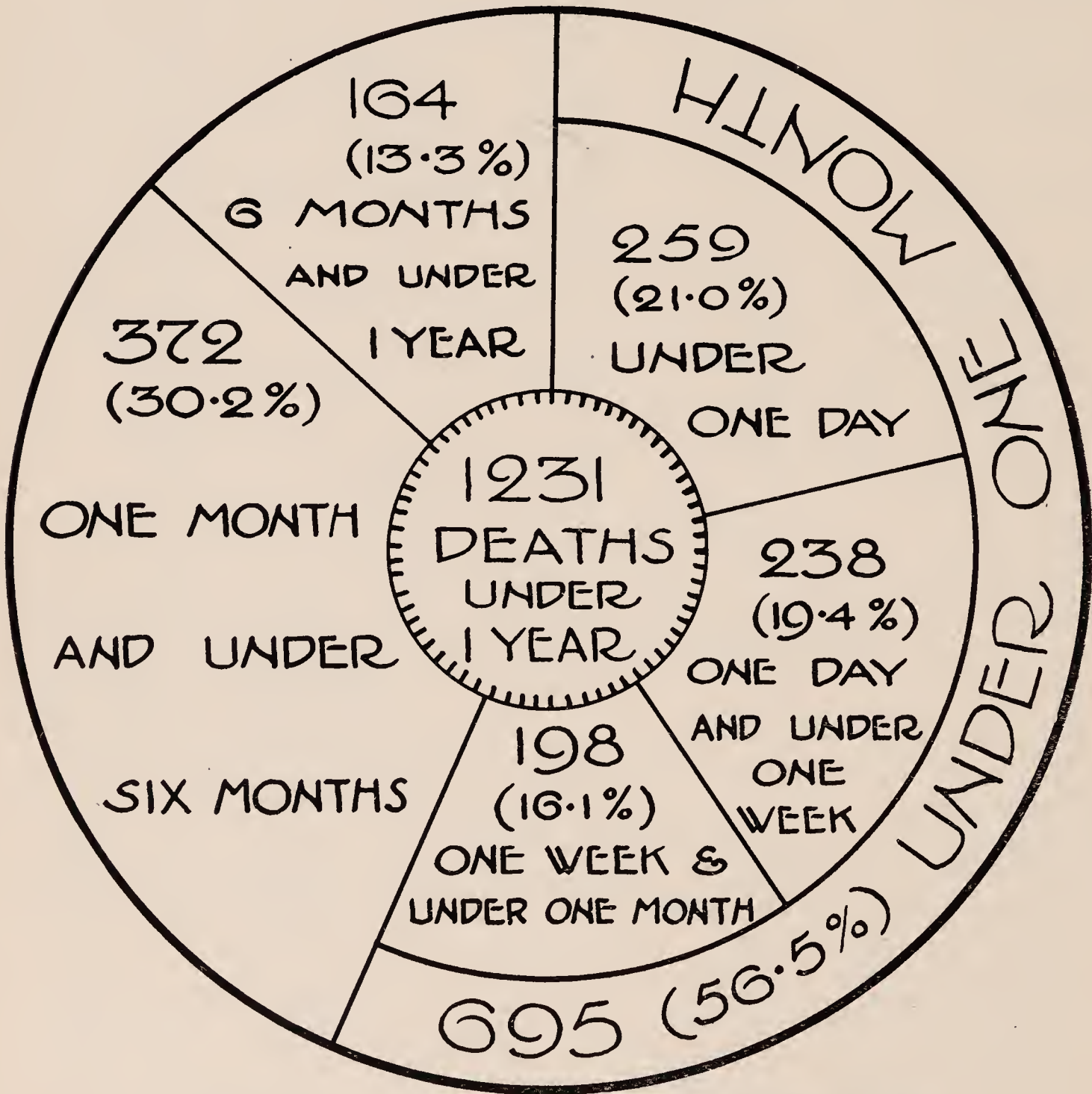


DIAGRAM XVIII

TABLE XCII—INFANT MORTALITY, 1933. DEATH RATE BY MONTHS.

Months	Cities			Towns			Villages			Rural Municipalities			Province		
	No. of Deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of deaths	Rate per 1,000 living births	Percentage of infant mortality	No. of deaths	Rate per 1,000 living births	Percentage of infant mortality
January	18	89.1	13.3	6	59.4	9.1	16	149.5	16.0	106	82.7	11.4	146	86.3	11.9
February	16	79.0	11.9	10	103.1	15.2	13	115.0	13.0	103	84.7	11.1	142	87.0	11.6
March	17	75.9	12.6	7	73.7	10.6	10	74.1	10.0	118	82.6	12.7	152	80.7	12.3
April	16	74.1	11.9	6	60.6	9.1	8	52.6	8.0	91	65.8	9.8	121	65.4	9.8
May	6	26.0	4.4	7	62.5	10.6	8	70.6	8.0	64	54.7	6.9	85	52.2	6.9
June	11	49.8	8.1	8	88.8	12.1	4	33.3	4.0	66	53.3	7.1	89	53.3	7.2
July	11	58.2	8.1	4	42.1	6.1	5	38.5	5.0	60	47.8	6.4	80	47.9	6.5
August	12	58.8	8.9	2	22.7	3.0	7	56.5	7.0	68	51.0	7.3	89	50.9	7.2
September	7	34.5	5.2	1	10.5	1.5	13	96.3	13.0	61	49.7	6.6	82	49.4	6.7
October	8	38.3	5.9	3	31.2	4.5	3	33.0	3.0	51	45.7	5.5	65	43.0	5.3
November	7	40.5	5.2	7	64.8	10.6	3	28.0	3.0	68	55.2	7.3	85	52.5	6.9
December	6	31.2	4.5	5	51.5	7.6	10	84.7	10.0	74	63.2	7.9	95	60.2	7.7
Year	135	54.6	.....	66	56.3	.....	100	69.2	.....	930	61.8	.....	1,231	61.1	.....

TABLE XCIII—INFANT MORTALITY BY MONTHS IN INDIVIDUAL CITIES, 1933. (Residents Only. Stillbirths Excluded).

Cities	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Rate per 1,000 living births
Moose Jaw	1	3	3	1	1	4	..	1	1	2	1	1	19	57.4
North Battleford	2	1	1	..	..	1	..	..	..	..	2	..	7	76.9
Prince Albert	2	3	3	1	1	1	1	1	..	..	..	..	13	58.6
Regina	6	6	4	9	..	3	6	4	2	..	3	4	47	52.4
Saskatoon	5	2	4	4	2	1	4	3	1	5	1	1	33	48.6
Swift Current .....	..	1	..	..	1	1	..	1	2	..	..	..	6	69.8
Weyburn .....	..	..	..	..	1	..	..	..	1	..	..	..	2	27.0
Yorkton	2	..	2	1	..	..	..	2	..	1	..	..	8	87.9
All cities	18	16	17	16	6	11	11	12	7	8	7	6	135	54.6

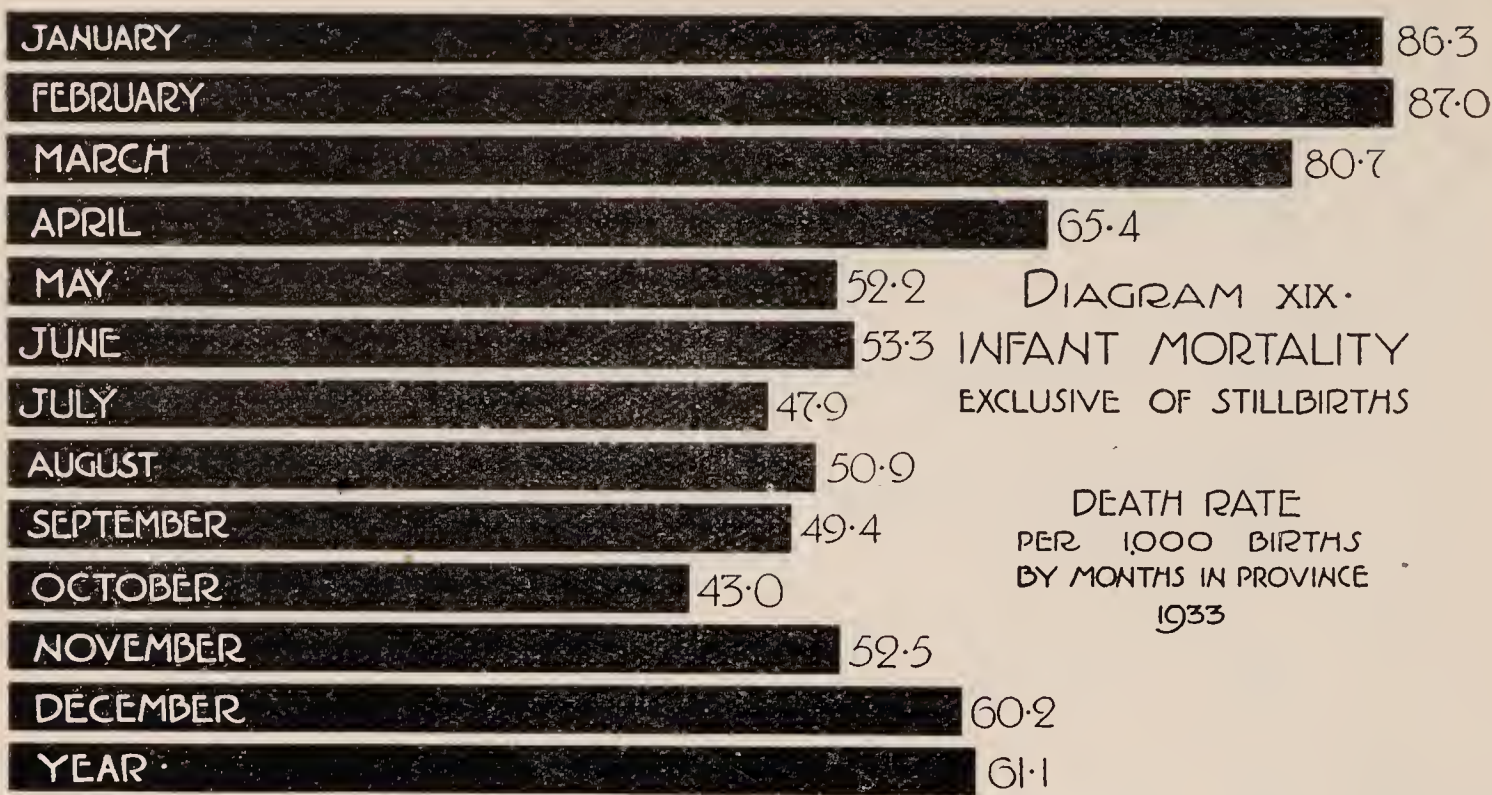


TABLE XCIV—INFANT MORTALITY, 1933 (Exclusive of Stillbirths). CLASSIFIED
ACCORDING TO RACIAL ORIGIN OF DECEDENTS AND DEATH RATE PER 1,000
LIVING BIRTHS OF EACH RACE.

Racial Origin	Number	Rate per 1,000 living births
All origins	1,231	61.1
English	173	50.8
Irish	100	59.0
Scotch	84	43.3
Welsh	4	48.8
French	106	80.1
Austrian	19	63.5
Danish	5	41.7
Dutch	27	47.5
German	265	61.3
Hungarian	32	72.4
Icelandic	5	72.5
Indian	97	177.3
Norwegian	37	42.3
Polish	41	61.1
Roumanian	14	75.3
Russian	40	75.3
Swedish	16	39.5
Ukrainian (¹)	128	62.9
Others and not specified	38	75.2

(¹) Including Galician and Bukovinian.

TABLE XCV—INFANT MORTALITY, 1933, DEATH RATES PER 1,000 LIVING BIRTHS BY COUNTRY OF BIRTH OF MOTHER.

Country of Birth of Mother	Number of births	Infant Mortality	
		Number	Rate
Total	20,145	1,231	61.1
Canada	11,159	724	64.9
British Countries	1,776	67	37.7
Austria	768	50	65.1
France	67	4	59.7
Germany	282	23	81.6
Hungary	286	25	87.4
Poland	920	50	54.3
Roumania	233	13	55.8
Russia (¹)	1,358	94	69.2
Scandinavian Countries	383	10	26.1
United States	2,601	141	54.2
Other Countries	312	30	96.2

(¹) Including the Ukraine.

TABLE XCVI—INFANT MORTALITY, 1933, RATES PER 1,000 LIVING BIRTHS FOR PRINCIPAL CAUSES BY SEX.

	Male	Female	Total
All causes	67.4	54.6	61.1
Communicable diseases (1-44)	7.0	6.5	6.8
Bronchopneumonia and pneumonia (107-108-109)	8.3	7.6	7.9
Diarrhoea and enteritis (119)	5.0	4.2	4.6
Congenital malformation (157)	5.2	3.9	4.6
Congenital debility (158)	5.5	4.1	4.8
Premature birth (159)	16.9	14.2	15.5
Injury at birth (160)	4.0	3.1	3.6
Other diseases peculiar to early infancy (161).....	5.9	4.0	5.0
All other causes	9.6	7.0	8.3

TABLE XCVII—INFANT MORTALITY, 1924-1933, RATES PER 1,000 LIVING BIRTHS BY PRINCIPAL CAUSES.

	1924-1928	1929	1930	1931	1932	1933
All causes	76.1	73.3	72.6	68.6	63.5	61.1
Communicable diseases (1-44)	8.8	8.7	5.8	6.9	5.1	6.8
Bronchopneumonia and pneumonia (107-109)	10.5	9.8	7.9	10.3	6.0	7.9
Diarrhoea and enteritis (119)	7.8	6.1	11.3	8.6	8.4	4.6
Congenital malformation (157) ..	5.1	5.9	5.6	5.2	4.9	4.6
Congenital debility (158)	7.8	6.8	6.9	4.6	5.0	4.8
Premature birth (159)	17.6	18.7	19.3	17.6	18.4	15.5
Injury at birth (160)	3.1	3.4	3.2	3.4	3.8	3.6
Other diseases peculiar to early infancy (161)	3.7	3.6	3.9	4.7	4.9	5.0
All other causes	11.7	10.1	8.6	7.3	7.4	8.3

(c) Congenital malformations; of the heart	38	25	13	4	--	2	2	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
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TABLE XCIX--TOTAL DEATHS (Exclusive of Stillbirths) AND DEATHS IN INSTITUTIONS OF CHILDREN UNDER ONE YEAR OF AGE CLASSIFIED
ACCORDING TO RESIDENCE OF DECEDENTS IN CITIES, 1933.

Cities	All deaths under one year										Deaths in institutions						Deaths elsewhere than in institutions																						
	Total			Residents			Non-residents in city or town where death occurred and				Total			Residents			Non-resident in city or town where death occurred but resident in 'province				Total			Residents			Non-resident in city or town where death occurred and												
	Total			Total			Total			Total			Total			Total			Total			Total			Total			Total			Total			Total					
	Total			Total			Total			Total			Total			Total			Total			Total			Total			Total			Total			Total			Total		
	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total			
Moose Jaw	24	14	10	8	10	6	3	9	12	4	10	6	4	16	12	4	4	6	6	2	8	5	3	2	6	6	2	8	5	3	2	2	2	2	2	2	2		
North Battleford	13	5	8	2	5	6	7	13	4	4	4	2	2	8	4	4	2	2	4	1	5	6	4	2	3	3	3	3	3	3	3	3	3	3	3	3			
Prince Albert	21	13	8	6	5	9	2	11	9	6	7	3	4	15	9	6	8	6	8	2	6	7	3	7	7	7	7	7	7	7	7	7	7	7	7	7			
Regina	63	32	31	24	19	20	8	28	24	24	29	17	12	48	24	24	12	19	7	12	15	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
Saskatoon	43	21	22	12	15	15	8	23	14	15	18	8	10	29	14	11	7	11	6	5	14	4	7	7	7	7	7	7	7	7	7	7	7	7	7	7			
Swift Current	8	4	4	2	3	3	2	5	4	2	4	2	2	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2			
Weyburn	6	1	5	2	2	4	1	3	1	3	--	--	--	4	1	4	3	4	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
Yorkton	14	9	5	6	2	6	3	3	4	2	1	1	--	6	4	5	3	5	3	2	8	2	1	3	3	3	3	3	3	3	3	3	3	3	3	3			

TABLE C—DEATHS OF CHILDREN (Exclusive of Stillbirths) FROM CERTAIN

Int. List No.	Causes of death	Age at death														
		Total under 1 year			Under 1 day		1 day and under 1 week		1 week and under 2 weeks		2 weeks and under 3 weeks		3 weeks and under 1 month		1 month and under 2 months	
		Total	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
	All causes	1,231	696	535	152	107	132	106	42	37	36	31	35	17	60	55
7	Measles	5	3	2	....	....	....	....	..	..	..	..	..	..	..	..
8	Scarlet fever	4	1	3	....	....	....	....	..	..	..	..	..	..	..	..
9	Whooping cough....	20	8	12	....	....	....	....	..	..	..	..	1	..	1	4
11	Influenza	72	44	28	....	....	1	....	..	1	1	2	3	1	9	6
13	Dysentery	3	....	3	....	....	....	....	..	..	..	..	..	..	..	..
15	Erysipelas	5	2	3	....	....	....	....	..	..	1	..	..	..	..	2
16	Poliomyelitis and polioencephalitis (acute)	1	....	1	....	....	....	....	..	1	..	..	..	..	..	..
18	Epidemic cerebro- spinal meningitis	2	2	....	....	....	....	....	..	..	..	..	..	..	..	..
23	Tuberculosis of the respiratory system	9	3	6	....	....	....	2	..	..	..	..	..	..	..	..
24	Tuberculosis of the meninges and central nervous system	7	4	3	....	....	....	....	..	..	..	..	..	..	..	..
25-32	Tuberculosis, other forms	4	4	....	....	....	....	....	..	..	..	..	..	..	1	..
36	Purulent infection septicæmia	4	1	3	....	....	....	....	..	..	..	..	..	..	..	..
67	Diseases of the thymus gland	8	6	2	....	1	2	....	1	1	..	..	..	..	2	..
79	Simple meningitis	6	3	3	....	....	....	....	..	..	..	..	..	..	..	..
86	Convulsions	33	18	15	....	1	4	1	..	2	..	2	2	..	2	2
89	Diseases of the ear and mastoid process	2	....	2	....	....	....	....	..	..	..	..	..	..	..	..
105	(a) Croup	4	2	2	....	....	....	....	..	..	..	..	..	..	..	..
106	Bronchitis	12	9	3	....	....	1	....	..	..	..	..	1	1	..	..
107	Bronchopneumonia	102	58	44	....	....	1	3	..	..	2	2	5	1	9	7
108, 109	Pneumonia	58	28	30	....	....	1	1	1	1	2	2	3	..	7	7
115	Disease of the buccal cavity and annexa and of the pharynx and tonsils (includ- ing adenoid vegetations)	4	2	2	....	....	....	....	..	..	..	..	1	..	..	..
116-118	Diseases of the stomach	18	7	11	....	....	....	1	..	..	2	1	2	..	1	2
119	Diarrhœa and enteritis	93	52	41	....	....	2	2	2	1	5	4	4	1	8	4
122	Hernia, intestinal obstruction	5	4	1	....	....	....	....	..	..	..	..	..	..	1	..
157	Malformations	92	54	38	7	3	12	9	7	7	5	2	2	2	5	7
	(a) Congenital hydrocephalus	5	3	2	....	....	....	1	1	..	..	..	..	..	..	1
	(c) Congenital malformations of the heart..	38	25	13	5	1	8	5	2	4	1	..	1	..	1	1
	(b, d, e) Others under this title	49	26	23	2	2	4	3	4	3	4	2	1	2	4	5
158	Congenital debility	96	56	40	16	4	12	16	5	5	5	4	3	4	2	3
159	Premature birth ..	314	175	139	90	75	52	33	13	12	8	5	5	5	4	5
160	Injury at birth....	72	41	31	19	14	19	12	..	2	1	2	..	..	1	1
161	Other diseases peculiar to early infancy (under 3 months)	100	61	39	18	7	21	22	12	4	4	3	2	1	3	2
	(a-e) Specified diseases.....	86	53	33	15	5	18	22	12	3	4	2	2	..	1	1
	(f) Unspecified causes	14	8	6	3	2	3	....	..	1	..	1	..	1	2	1
176-198	Other external causes	18	11	7	....	....	1	....	1	..	..	..	..	..	1	3
	Other specified .. causes	37	23	14	....	....	....	1	..	..	..	2	1	1	2	..
199, 200	Unspecified or ill- defined causes....	21	14	7	2	2	3	3	..	..	..	..	..	..	1	..

SPECIFIED CAUSES IN FIRST YEAR OF LIFE, BY SEX AND AGE AT DEATH, 1933.

Age at Death																				Int. list No.
2 months and under 3 months		3 months and under 4 months		4 months and under 5 months		5 months and under 6 months		6 months and under 7 months		7 months and under 8 months		8 months and under 9 months		9 months and under 10 months		10 months and under 11 months		11 months and under 12 months		
M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
59	33	40	18	32	28	24	23	17	16	16	18	18	15	7	8	13	11	13	12	
--	--	--	--	1	2	--	--	--	--	1	--	--	--	1	--	--	--	--	--	7
--	1	--	--	--	--	--	--	--	--	--	1	--	1	1	--	--	--	--	--	8
2	1	1	--	--	2	1	1	1	1	--	--	--	2	--	--	--	--	1	1	9
9	5	7	4	4	3	3	--	1	1	--	3	1	1	2	1	2	--	1	--	11
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2	--	1	--	--	13
1	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	--	--	--	--	15
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16
--	--	--	--	--	--	1	--	1	--	--	--	--	--	--	--	--	--	--	--	18
--	--	--	--	--	--	--	--	1	1	1	1	--	--	--	--	1	2	--	--	23
1	--	--	1	--	--	--	--	1	--	2	--	--	1	--	--	--	--	--	1	24
--	--	--	--	--	--	--	--	1	--	--	--	2	--	--	--	--	--	--	--	25-32
--	--	--	--	1	1	--	--	--	--	--	--	--	--	--	--	--	1	--	1	36
--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	67
--	--	--	2	--	1	--	--	--	--	1	--	1	--	1	--	--	--	--	--	79
4	2	4	2	--	--	2	2	--	--	--	--	--	--	--	--	--	1	--	--	86
--	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	1	89
2	--	--	--	--	--	--	1	--	--	--	1	--	--	--	--	--	--	--	--	105a
1	--	2	--	1	1	1	--	--	--	--	1	1	--	--	--	1	--	--	--	106
11	3	7	2	6	3	6	5	4	1	2	6	2	4	--	--	1	2	2	5	107
1	3	3	1	2	3	2	2	1	3	2	1	2	1	--	1	--	2	1	2	108, 109
--	--	--	1	1	--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	115
1	3	--	--	--	2	1	1	--	--	--	--	--	--	--	1	--	--	--	--	116-118
4	6	5	3	7	4	4	6	3	5	1	2	3	--	--	1	2	1	2	1	119
1	--	--	--	1	--	--	1	--	--	1	--	--	--	--	--	--	--	--	--	122
4	2	2	--	2	--	1	3	--	1	1	1	2	1	1	--	1	--	2	--	157
1	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	157a
1	--	2	--	--	--	1	--	--	1	--	1	1	--	1	--	--	--	1	--	157c
2	2	--	--	1	--	--	3	--	--	1	--	1	1	--	--	1	--	1	--	157b,d,e
3	2	5	--	3	--	--	1	--	--	1	--	1	1	--	--	--	--	--	--	158
2	2	--	--	--	2	1	--	--	--	--	--	--	--	--	--	--	--	--	--	159
1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	160
1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	161
1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	161a-e
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	161f
4	1	1	--	--	2	--	--	--	1	1	--	1	--	--	--	1	--	--	--	176-198
4	2	1	2	1	--	1	--	2	1	2	--	1	3	1	1	4	1	3	--	
2	--	1	--	2	1	--	--	1	--	--	--	1	--	--	1	--	--	1	--	199, 200

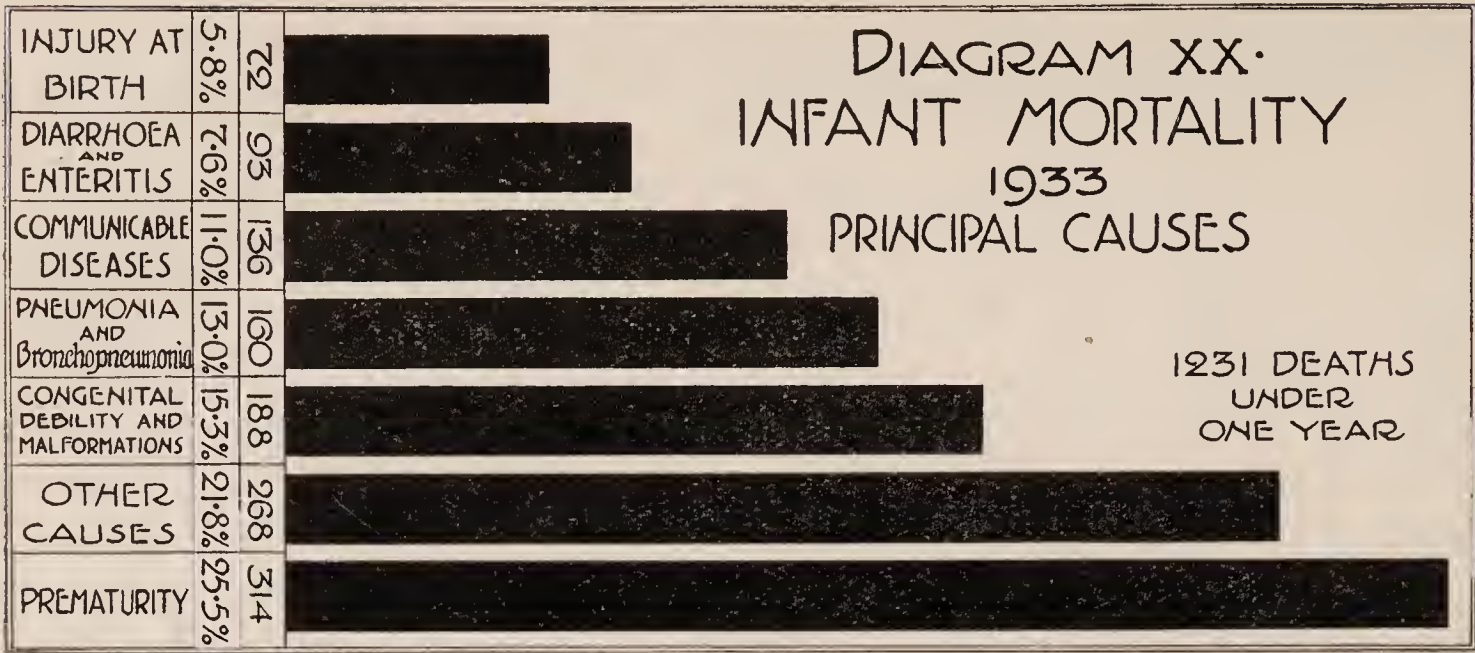
TABLE CI—DEATHS OF CHILDREN UNDER ONE YEAR OF AGE (Exclusive of

Birthplace of Father	Total Fathers	Birthplace of Mother							
		Canada							
		Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta
Canada	556	2	4	1	25	47	51	321	7
Prince Edward Island	5	1	..	..	..	..	..	1	..
Nova Scotia	6	..	3	..	..	..	1	..	..
New Brunswick	2	..	..	1	..	..	..	1	..
Quebec	39	..	..	..	15	2	7	8	..
Ontario	116	..	1	..	5	30	11	34	1
Manitoba	84	1	..	..	3	8	23	31	1
Saskatchewan	295	..	..	..	2	7	9	242	1
Alberta	7	..	..	..	..	..	..	3	3
British Columbia	2	..	..	..	..	..	..	1	1
British Isles	91	..	..	..	1	9	7	25	1
England	56	..	..	..	1	6	3	14	1
Ireland	11	..	..	..	..	1	1	2	..
Scotland	20	..	..	..	..	2	3	7	..
Wales	4	..	..	..	..	..	..	2	..
British Possessions	4	..	..	..	..	..	..	1	..
Newfoundland	1	..	..	..	..	..	..	..	..
Other	3	..	..	..	..	..	..	1	..
Europe	370	..	..	..	..	6	14	82	1
Austria	72	..	..	..	..	..	4	22	..
Belgium	2	..	..	..	..	..	..	..	..
Denmark	4	..	..	..	..	..	1	1	..
Finland	4	..	..	..	..	1	..	..	..
France	3	..	..	..	..	..	..	1	..
Germany	24	..	..	..	..	..	1	4	..
Holland	2	..	..	..	..	..	..	..	..
Hungary	26	..	..	..	..	..	..	2	..
Italy	1	..	..	..	..	..	..	1	..
Norway	16	..	..	..	..	5	..	4	..
Poland	58	..	..	..	..	..	..	10	..
Roumania	20	..	..	..	..	..	3	7	..
Russia (1)	114	..	..	..	..	..	5	29	1
Sweden	6	..	..	..	..	..	..	..	..
Other	18	..	..	..	..	..	..	1	..
Asia	3	..	..	..	..	..	..	1	..
China	2	..	..	..	..	..	..	1	..
Japan	1	..	..	..	..	..	..	..	..
United States	148	..	2	1	4	8	11	43	3
Not specified	59	..	..	..	1	4	2	36	1
Total mothers	1,231	2	6	2	31	74	85	509	13

(1) Including the Ukraine.

Stillbirths) CLASSIFIED ACCORDING TO BIRTHPLACE OF PARENTS, 1933.

Birthplace of Mother																						
British Isles				Brit. Possess. - Newfoundland	Europe														Asia	United States	Various	Not specified
England	Ireland	Scotland	Wales		Austria	Belgium	Denmark	Finland	France	Germany	Holland	Hungary	Norway	Poland	Roumania	Russia (1)	Sweden	Other	Japan			
13	2	3	..	..	5	..	..	..	1	2	2	3	..	2	..	15	..	1	..	49	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	6	..	..
10	1	2	..	..	..	..	..	..	..	1	..	1	..	..	..	1	..	1	..	18	..	..
..	..	..	..	..	1	..	..	..	..	..	1	..	..	2	..	4	..	..	..	9	..	..
2	1	1	..	..	3	..	..	..	1	1	1	2	..	..	..	10	..	..	..	12	..	..
..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
19	8	10	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	1	..
16	2	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..
1	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	..	..
2	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
..	..	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
..	..	..	..	..	44	2	1	2	2	18	2	20	6	46	11	74	2	14	..	20	2	..
..	..	..	..	..	43	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..
..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..
..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	1	..	..	..	2	13	..	..	..	..	..	2	..	..	..	3	..	..
..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	20	..	1	1	..	..	..	..	2	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	2	..	..	..	41	..	3	..	..	..	1	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	8	2	..	..	..	..	..	..
..	..	..	..	..	..	..	..	..	..	3	..	..	..	3	2	65	..	..	..	4	1	..
..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	13	..	3	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	1	1	..	..
..
..
..
2	1	2	..	..	1	..	..	..	..	3	..	1	..	2	2	5	1	..	..	56	..	..
3	..	1	..	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	6	..	3
37	11	17	1	1	50	2	1	2	4	23	4	25	6	50	13	94	3	15	1	141	3	3



MATERNAL MORTALITY.

The total number of deaths from puerperal causes was 92 in 1933, a decrease of 10 compared with the previous year, and the lowest number since 1915, when the total was 81.

The death rate for each 1,000 living births is 4.6, and is the second lowest since 1914, as shown in Table CII. The lowest rate for these years was 4.1 in 1931.

The special investigation into maternal mortality is being continued. Reports were received from physicians on 76 deaths out of the total of 92. The following table shows the results of this investigation:

INSTRUMENTS		PARITY OF MOTHER	
Used	13	Primipara	13
Not used	45	Multipara	61
Not stated	18	Not stated	2
PITUITRIN		FEVER	
Used 1st and 2nd stage	5	Yes	21
Used ante-partum	2	No	21
Used post-partum	8	Not stated	34
Used last stage	1	PLACE OF BIRTH	
Used during operation	1	Hospitals	23
Not used	42	Private homes	34
Not stated	17	Not stated	19
PRENATAL CARE		LENGTH OF LABOR	
Yes	18	(a) Primipara—	
No	52	11 to 24 hours	6
Not stated	6	Over 24 hours	4
CONDITION OF CHILD AT BIRTH		No labor	1
Alive	39	Not stated	2
Dead	28	(b) Multipara—	
No birth	8	5 hours and under	15
Not stated	1	6 to 10 hours	5
TERM		11 to 24 hours	2
Premature	20	Over 24 hours	2
Full term	45	Over 48 hours	2
Caesarean section	1	No labor	7
Over full term	1	Caesarean section	1
No birth	8	Not stated	27
Not stated	1	(c) Length of labor and parity of mother not stated	2

TABLE CII—MATERNAL MORTALITY, 1914-1933.

Year	Deaths	Rate per 100,000 popu- lation	Rate per 1,000 living births	Rate per 1,000 births including stillbirths	Rate per 1,000 deaths excluding stillbirths	Rate per 1,000 deaths including stillbirths
1914	104	17.8	6.4	6.3	27.6	26.3
1915	81	13.1	4.7	4.6	21.5	20.1
1916	100	15.4	5.3	5.2	20.9	19.8
1917	116	17.3	5.7	5.6	23.3	21.8
1918	131	18.9	6.2	6.0	14.0	13.4
1919	101	14.1	4.9	4.8	16.4	15.4
1920	131	17.8	5.8	5.6	21.5	19.7
1921	121	16.0	5.4	5.3	21.6	19.6
1922	112	14.3	5.0	5.0	18.3	16.8
1923	111	13.6	5.3	5.2	18.0	16.5
1924	145	17.8	6.7	6.5	25.1	22.7
1925	117	14.0	5.7	5.5	20.8	18.9
1926	147	17.9	7.1	6.9	24.3	22.2
1927	114	13.6	5.4	5.3	18.9	17.3
1928	124	14.6	5.8	5.7	20.1	18.4
1929	132	15.3	6.2	6.0	19.7	18.2
1930	112	12.7	5.1	4.9	17.7	16.3
1931	93	10.8	4.1	4.2	15.3	14.0
1932	102	10.9	4.9	4.8	16.8	15.5
1933	92	9.7	4.6	4.5	15.3	14.2

TABLE CIII—MATERNAL MORTALITY, CAUSES OF DEATH, 1933.

Cause	Number of Deaths	
	1932	1933
Abortion with septic condition	17	10
Abortion without septic condition	4	3
Ectopic gestation	4	3
Other accidents of pregnancy .....	..	1
Puerperal haemorrhage	20	17
Puerperal septicaemia	18	16
Albuminuria and exlampsia	14	14
Other toxemias of pregnancy	2	2
Phlegmasia, alba dolens, etc.	11	10
Other accidents of childbirth	10	16
Conditions of puerperal state not specified	2	..
Total	102	92

TABLE CIV—ASSOCIATED DISEASES OF MATERNAL DEATHS, 1933.

Disease	No.	Married	Age				
			15-24	25-29	30-34	35-39	40-44
Heart diseases	7	7	1	..	3	1	2
Pneumonia	3	3	..	1	..	2	..
Chronic nephritis	2	2	..	..	1	..	1
Anaemia	1	1	..	1	..	..	..
Acute appendicitis	1	1	..	..	..	1	..
Acute enteritis	1	1	..	..	1	..	..
Amyloid degeneration	1	1	..	..	..	1	..
Cholelithiasis	1	1	..	1	..	..	..
Chronic pyelitis	1	1	..	..	1	..	..
Empyema	1	1	..	1	..	..	..
Epilepsy	1	1	..	1	..	..	..
Hypertension	1	1	..	..	..	1	..
Intestinal obstruction	1	1	1	..	..	..	..
Jaundice	1	1	..	..	..	1	..
Measles	1	1	..	..	1	..	..
Paralytic ileus	1	1	..	1	..	..	..
Uterine fibroid	1	1	..	..	1	..	..
Total	26	26	2	6	8	7	3

TABLE CV—MATERNAL MORTALITY BY AGE PERIOD, 1933.

Age Period	Number
15 - 19 years	2
20 - 24 years	12
25 - 29 years	21
30 - 34 years	24
35 - 39 years	21
40 - 44 years	9
45 - 49 years	3
Total	92

TABLE CVI—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1933
(Exclusive of Stillbirths)

Location and Name of Institution	Male	Female	Total
Abbey Cottage Hospital	2	1	3
Alameda Nursing Home	1	..	1
Alsask General Hospital	4	6	10
Arcola Brock Union Hospital	5	3	8
Armley Hospital	1	..	1
Assiniboia Union Hospital .....	..	3	3
Bengough Red Cross Outpost	3	4	7
Bienfait Hospital	2	1	3
Biggar St. Margaret's Hospital	8	6	14
Birch Hills Hospital .....	..	1	1
Bracken Community Hospital	1	..	1
Cabri Municipal Hospital	8	8	16
Canora H. W. Memorial Hospital	11	3	14
Carragana Red Cross Outpost	1	2	3
Central Butte Victorian Hospital	2	2	4
Chaplin Private Hospital	;	..	3
Climax Hospital	2	1	3
Cudworth St. Michael's Hospital	4	1	5
Cupar Nursing Home	2	2	4

TABLE CVI—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1933
(Exclusive of Stillbirths)—*Continued.*

Location and Name of Institution	Male	Female	Total
Cut Knife Municipal Hospital .....	..	3	3
Davidson Union Hospital	4	3	7
Dinsmore Community Hospital	2	1	3
Doddsland Association Hospital	4	9	13
Domremy Hospital	1	..	1
Eastend Jubilee Hospital	2	..	2
Eatonia Union Hospital	2	3	5
Edam Union Hospital	7	2	9
Elrose Community Hospital	4	2	6
Estevan Hospital	8	6	14
Eston Union Hospital	2	7	9
File Hills Colony Hospital	4	2	6
Fort San Sanatorium	22	24	46
Frontier Community Hospital	5	4	9
Gravelbourg St. Joseph's Hospital	11	2	13
Gull Lake Union Hospital	6	4	10
Hafford Hospital	12	5	17
Herbert Hospital .....	..	2	2
Humboldt St. Elizabeth's Hospital	22	11	33
Ile a la Crosse Hospital	1	2	3
Indian Head Union Hospital	9	3	12
Kamsack General Hospital	5	6	11
Kelvington Community Hospital	3	3	6
Kerrobert Union Hospital	9	9	18
Kincaid Community Hospital	3	..	3
Kindersley Union Hospital	16	11	27
Lampman Union Hospital	6	3	9
Lashburn Union Hospital	6	2	8
Lloydminster Union Hospital	17	11	28
Loon Lake Red Cross Outpost	2	1	3
Loverna Hospital	2	..	2
Lucky Lake Hospital	3	1	4
Macklin St. Joseph's Hospital	7	8	15
Maidstone Nursing Home	4	1	5
Maple Creek General Hospital	13	5	18
Meadow Lake Red Cross Outpost	3	1	4
Melfort Lady Minto Hospital	16	11	27
Melville Cottage Hospital	1	3	4
Melville Municipal Hospital	4	3	7
Milden Community Hospital	4	1	5
Moose Jaw Children's Shelter	1	..	1
Moose Jaw General Hospital	61	40	101
Moose Jaw Providence Hospital	19	17	36
Moosomin General Hospital	13	8	21
Nipawin Red Cross Outpost	10	4	14
Nokomis Cottage Hospital	4	1	5
North Battleford General Hospital	1	..	1
North Battleford Mental Hospital	52	26	78
North Battleford Notre Dame Hospital	26	13	39
North Battleford Rest Haven	1	1	2
North Battleford Quarantine Hospital	1	..	1
Oxbow Community Hospital .....	..	2	2
Ponteix Gabriel Hospital	5	6	11
Prince Albert Holy Family Hospital	42	32	74
Prince Albert Sanatorium	22	15	37
Prince Albert Victoria Hospital	27	18	45
Prince Albert Weston Hospital	1	..	1
Rabbit Lake Red Cross Outpost	6	2	8
Regina Cottage Hospital	1	..	1
Regina General Hospital	129	105	234
Regina Grey Nuns Hospital	52	43	95
Regina Isolation Hospital	1	1	2
Regina Salvation Army Hospital	1	1	2
Rockglen Red Cross Outpost	2	1	3
Rosetown Union Hospital	10	10	20

TABLE CVI—DEATHS IN PUBLIC AND PRIVATE INSTITUTIONS, 1933
(Exclusive of Stillbirths)—*Continued.*

Location and Name of Institution	Male	Female	Total
Rose Valley Hospital .....	..	1	1
Rosthern St. John Hospital	5	8	13
Kouleau Community Hospital	1	1	2
St. Hubert Mission Joan of Arc Home.....	10	2	12
Saskatoon City Hospital	80	87	167
Saskatoon Saint Paul's Hospital	55	65	120
Saskatoon Sanatorium	16	9	25
Saskatoon W.C.T.U. Hospital	1	..	1
Scott St. Francis Hospital	1	2	3
Shaunavon Nursing Home	3	..	3
Shaunavon Union Hospital	16	17	33
Smeaton W.M.S. Hospital .....	..	1	1
Strasbourg Hospital .....	..	1	1
Swift Current General Hospital	30	14	44
Swift Current Isolation Hospital .....	..	1	1
Tisdale St. Therese Hospital	25	12	37
Tuberosé Red Cross Outpost .....	..	1	1
Turtleford Hospital .....	..	2	2
Tuxford Community Hospital	2	1	3
Unity Union Hospital	8	4	12
Vanguard Union Hospital	6	6	12
Wadena Union Hospital	15	8	23
Wakaw Anna Turnbull Hospital	5	3	8
Watrous Manitou Hospital	6	5	11
Weyburn General Hospital	8	11	19
Weyburn Provincial Hospital	44	33	77
Whitewood Cottage Hospital	1	1	2
Wilkie Union Hospital	5	5	10
Wolseley Home for the Infirm	11	6	17
Wolseley Private Hospital	1	..	1
Yorkton Victoria Hospital	24	15	39
Total	1,179	887	2,066

TABLE CVII—TOTAL DEATHS (Exclusive of Stillbirths) AND DEATHS IN INSTITUTIONS, SHOWING THE NUMBER NON-RESIDENT IN THE PROVINCE, 1933.

	All deaths						In institutions					
	Total			Non-resident in province			Total			Non-resident in province		
	Total	M.	F.	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the province	6,024	3,367	2,657	53	38	15	2,043	1,174	869	21	13	8

SELECTED CAUSES OF DEATH.

The number of deaths from eleven selected causes, also infant mortality and stillbirths, are shown in the following two tables classified by place of residence. The tabulation of these two tables was done in this division.

The population is based on the 1931 census, with the addition of the estimated percentage increase for each year, as furnished by the Dominion Bureau of Statistics.

The total number of births and deaths, and the rates are given for each urban centre and rural municipality. The totals shown for each municipality include cities, towns and villages located within its boundary.

A movement of population has taken place during the last few years in different parts of the province, especially from the south to the north. This change accounts to a great extent for the low birth and death rates in the southern part of the province and the high rates in the northern part.

Diagrams XXII to XXIX have been prepared to show quickly the distribution of deaths from seven causes and stillbirths. The figures in light type are the rural municipality numbers, the figures in heavy type represent the number of deaths

TABLE CVIII—DEATHS IN CITIES AND URBAN TOWNS, 1933. FROM THIRTEEN SELECTED CAUSES OF DEATH. (Residents only.) ALSO BIRTH AND DEATH RATES.

Cities & towns	Esti- mated popu- lation	Births	Birth rate	Deaths	Death rate	Influ- enza	Tuber- culosis	Cancer	Dia- betes	Apo- plexy	Heart dis- eases	Pneu- monia	Diar- rhoea	Neph- ritis	Puer- peral	Acci- dent	Infant mor- tality	Still- births
Moose Jaw ...	21,974	331	15.2	159	7.2	3	6	16	4	8	32	11	1	3	1	10	19	4
N. Battleford	6,176	91	14.7	35	5.7	2	..	3	..	..	10	3	1	1	1	1	7	2
Prince Albert	10,219	222	21.7	83	8.1	7	3	7	..	3	17	4	1	..	1	6	13	4
Regina	54,895	897	16.3	315	5.7	10	20	34	2	16	48	16	4	7	4	20	47	24
Saskatoon	44,663	679	15.2	273	6.1	9	13	26	2	13	55	15	4	11	2	21	33	13
Swift Current	5,464	86	15.7	44	8.1	3	2	3	..	2	9	3	..	..	..	2	6	..
Weyburn	5,160	74	14.3	22	4.3	..	1	3	1	1	3	..	1	..	..	2	2	2
Yorkton	5,186	91	17.5	35	6.7	2	1	6	1	2	3	5	1	..	..	1	8	2
Assiniboia ...	1,500	21	14.0	9	6.0	1	..	1	..	..	1	..	1	..	..	1	2	..
Battleford ...	1,130	18	15.9	4	3.5	..	2	..	..	..	1	..	..	..	..	..	..	..
Biggar	2,454	23	9.4	13	5.3	1	..	3	..	1	1	1	..	..	..	3	..	..
Canora	1,216	20	16.4	9	7.4	..	..	..	..	..	5	2	1	..	..	..	1	..
Estevan	3,029	51	16.8	11	3.6	..	..	3	..	..	2	2	..	..	..	1	2	..
Gravelbourg ..	1,173	22	18.8	9	7.7	1	1	..	..	1	..	1	..	..	..	..	3	..
Herbert	1,040	22	21.2	7	6.7	..	..	2	..	..	3	..	..	..	..	..	2	..
Humboldt	1,959	46	23.5	13	6.6	..	..	2	..	..	1	..	..	..	..	..	..	..
Indian Head..	1,483	17	11.4	13	8.8	..	..	2	1	1	4	..	..	1	..	1	1	..
Kamsack	2,153	39	18.1	11	5.1	2	1	..	..	1	4	..	..	1	..	..	2	1
Kindersley ...	1,069	18	16.8	12	11.2	..	..	1	..	..	5	..	..	..	1	..	2	2
Maple Creek..	1,190	19	16.0	16	13.4	..	1	3	1	1	3	2	..	..	..	..	..	..
Melfort	1,866	38	20.4	14	7.5	..	..	1	1	..	3	1	..	..	..	..	1	..
Melville	4,014	87	21.7	28	7.0	1	2	4	1	..	8	1	2	..	1	..	6	..
Moosomin	1,154	15	13.0	18	15.6	1	3	1	..	..	4	2	..	..	..	1	1	..
Radville	1,036	14	13.5	6	5.8	..	..	2	..	2	..	1	..	1	..	..	..	..
Rosetown	1,602	26	16.2	17	10.6	1	1	4	1	1	2	..	..	..	..	1	1	..
Rosthern	1,456	33	22.7	18	12.4	1	1	2	1	1	2	1	..	..	..	1	5	..
Shaunavon ...	1,816	26	14.3	14	7.7	..	..	3	2	..	..	2	..	..	1	1	..	1
Sutherland ...	1,184	15	12.7	10	8.4	..	1	1	..	..	..	1	..	3	..	1	1	..
Tisdale	1,102	29	26.3	16	14.5	..	..	2	..	..	1	1	..	..	..	5	5	..
Watrous	1,344	21	15.6	13	9.7	2	2	2	..	..	2	2	..	..	..	..	..	..
Wilkie	1,260	21	16.7	7	5.6	1	..	1	..	..	..	1	..	..	..	1	1	..
Wynyard	1,075	17	15.8	11	10.2	..	1	1	..	1	2	1	..	..	1	..	1	2

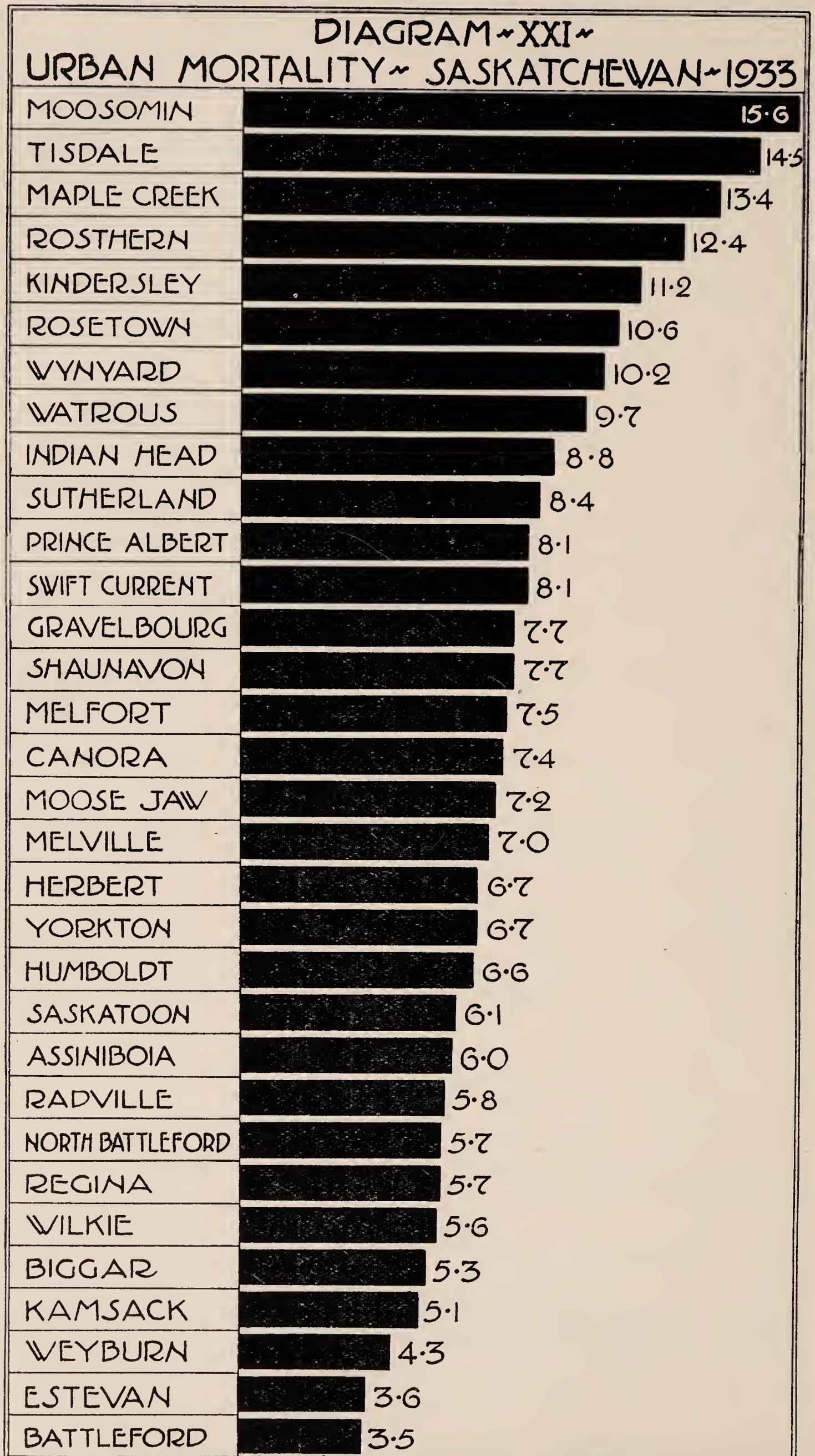


TABLE CIX—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages), 1933. FROM THIRTEEN SELECTED CAUSES OF DEATH.
(Residents only.) ALSO BIRTH AND DEATH RATES.

R.M. No.	Esti- mated popu- lation	Births	Birth rate	Deaths	Death rate	Influ- enza	Tuber- culosis	Cancer	Dia- betes	Apo- plexy	Heart dis- eases	Pneu- monia	Diar- rhoea	Neph- ritis	Puer- peral	Acci- dent	Infant mor- tality	Still- births
1...	1,625	28	17.2	8	4.9	..	..	1	..	..	2	..	..	..	..	2	2	2
2...	2,063	29	14.1	11	5.3	..	..	1	..	1	2	..	..	..	..	..	2	1
3...	2,393	55	23.0	20	8.4	2	..	6	..	2	..	..	..	..	..	..	4	1
4...	3,035	60	19.8	22	7.2	..	..	3	..	..	5	1	1	..	..	3	1	3
5...	5,362	94	17.5	19	3.5	..	..	5	..	..	2	2	..	..	..	3	1	1
6...	1,847	61	33.0	15	8.1	..	..	1	..	1	2	1	1	2	..	1	2	2
7...	2,392	45	18.8	11	4.6	..	1	3	..	1	3	..	..	..	..	..	1	1
8...	1,345	23	17.1	8	5.9	..	..	1	..	..	2	..	..	..	..	1	1	..
9...	1,274	39	30.6	7	5.5	..	..	..	1	..	1	..	..	..	..	..	2	1
10...	761	25	32.9	1	1.3	..	..	..	..	..	1	..	..	..	..	..	..	1
11...	1,743	44	25.2	9	5.2	1	..	..	..	1	1	..	1	..	..	..	3	2
12...	1,889	36	19.1	8	4.2	..	..	1	..	2	..	..	..	..	1	1	2	2
13...	1,186	24	20.2	8	6.7	..	..	3	..	..	..	..	..	1	1	..	1	1
14...	745	8	10.7	2	2.7	..	..	..	1	..	..	..	..	..	..	..	..	1
15...	360	18	50.0	2	5.5	..	..	..	..	..	..	..	..	..	1	..	..	..
16...	440	13	29.5	2	4.5	..	..	..	..	..	..	..	..	..	..	..	2	1
17...	1,475	45	30.5	7	4.7	..	..	..	..	..	..	..	..	..	..	..	3	1
18...	1,694	31	18.3	8	4.7	2	..	..	..	..	..	..	..	1	..	1	2	2
19...	1,174	16	13.6	11	9.4	..	..	3	1	1	2	..	..	..	1	..	..	1
20...	561	15	26.9	9	16.0	1	..	1	1	..	1	..	..	..	..	..	5	..
21...	497	10	20.1	2	4.0	..	..	..	..	..	1	..	..	..	..	..	..	..
22...	320	9	28.1	4	12.5	..	..	..	..	1	1	..	..	..	..	..	2	..
31...	1,314	43	32.7	7	5.3	2	..	..	..	3	..	..	..	..	..	1	..	1
32...	1,586	39	24.6	5	3.2	..	..	..	..	1	..	..	..	..	..	..	2	..
33...	1,926	29	15.1	12	6.2	1	..	3	..	..	..	..	..	..	..	1	3	3
34...	2,385	44	18.4	12	5.0	..	..	2	..	1	..	1	..	..	1	1	3	1
35...	2,187	48	21.9	10	4.6	..	..	1	..	1	..	2	..	..	..	..	3	..
36...	2,103	29	13.8	7	3.3	1	..	..	1	..	1	..	..	..	1	1	..	1
37...	1,679	30	17.9	14	8.3	..	1	1	1	..	..	1	..	..	..	1	5	2
38...	2,679	49	18.3	16	6.0	1	..	2	..	4	1	1	..	2	..	1	3	1
39...	1,892	34	18.0	9	4.8	2	..	2	..	..	1	1	..	..	..	..	..	3
40...	2,155	37	17.2	16	7.4	6	..	..	..	..	..	1	..	..	..	1	..	1

TABLE CIX—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages), 1933. FROM THIRTEEN SELECTED CAUSES OF DEATH.
(Residents only.) ALSO BIRTH AND DEATH RATES.—Continued.

R.M. No.	Esti- mated popu- lation	Births	Birth rate	Deaths	Death rate	Influ- enza	Tuber- culosis	Cancer	Dia- betes	Apo- plexy	Heart dis- eases	Pneu- monia	Diar- rhoea	Neph- ritis	Puer- peral	Acci- dent	Infant mor- tality	Still- births
42...	3,200	77	24.1	23	7.2	4	..	1	..	..	2	3	..	1	..	1	7	1
43...	1,634	51	31.2	12	7.3	2	..	1	..	..	1	1	..	..	..	1	6	1
44...	1,784	36	20.2	11	6.2	3	..	1	..	1	1	..	..	1	..	1	..	..
45...	1,974	49	24.8	12	6.1	1	2	..	1	..	1	..	..	1	..	1	1	..
46...	1,015	15	14.8	9	8.9	..	1	2	..	1	2	1	..	..	..	1	1	..
47...	454	6	13.2	5	11.0	..	1	1	..	..	..	..	..	..	..	..	1	..
48...	468	7	15.0	...	...	..	..	..	..	..	..	..	..	..	..	..	..	..
49...	1,754	31	17.7	6	3.4	..	..	..	..	..	2	1	..	..	..	1	2	..
50...	859	15	17.5	7	8.1	..	..	1	1	2	1	1	..	..	..	1	1	..
51...	1,181	18	15.2	8	6.8	..	..	1	..	..	1	1	1	..	..	..	1	2
52...	307	5	16.3	...	...	..	..	..	..	..	..	..	..	..	..	..	..	..
61...	2,282	62	27.2	12	5.3	1	..	3	..	..	1	..	..	..	..	1	2	1
63...	2,733	70	25.6	19	7.0	..	1	3	..	..	3	1	..	..	..	1	2	..
64...	2,430	32	13.2	13	5.3	1	..	1	..	..	2	..	..	1	..	..	2	1
65...	2,445	43	17.6	11	4.5	1	..	2	..	..	2	..	..	1	..	..	2	1
66...	1,821	34	18.7	10	5.5	..	..	1	..	..	2	..	..	..	..	2	1	..
67...	7,118	110	15.5	31	4.4	1	1	3	1	1	3	1	1	..	..	5	3	3
68...	1,212	14	11.6	5	4.2	..	..	2	..	..	1	1	..	..	..	1	1	..
69...	2,165	37	17.1	7	3.2	2	..	1	..	..	1	..	1	..	..	..	2	1
70...	2,872	66	23.0	14	4.9	2	..	1	..	..	3	1	1	..	..	..	4	1
71...	3,427	55	16.0	16	4.7	..	2	1	1	1	3	..	1	..	..	1	2	..
72...	3,256	44	13.5	17	5.2	1	..	1	..	1	4	..	1	1	..	2	6	1
73...	3,251	57	17.5	19	5.8	1	..	2	..	1	2	3	..	1	..	..	6	1
74...	2,871	52	18.1	15	5.2	1	1	1	1	..	4	..	1	..	..	..	2	1
75...	2,664	42	15.8	11	4.1	1	..	1	..	..	1	1	1	1	..	..	2	1
76...	2,617	49	18.7	21	8.0	..	..	1	..	4	2	..	1	1	..	..	5	1
77...	1,928	43	22.3	11	5.7	1	..	2	1	..	..	1	..	1	1	..	1	2
78...	3,068	62	20.2	22	7.2	1	..	3	2	..	..	2	..	1	1	..	1	1
79...	1,642	24	14.6	5	3.0	1	..	1	..	..	..	1	..	2	1	..	3	1
80...	822	21	25.5	5	6.1	..	..	1	..	..	1	..	..	..	..	..	1	1
81...	318	8	25.2	2	6.3	..	1	..	..	..	1	..	..	..	..	..	1	..
82...	292	2	6.8	3	10.3	..	..	..	..	..	2	..	..	..	..	..	..	..

[illegible]

TABLE CIX—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages), 1933. FROM THIRTEEN SELECTED CAUSES OF DEATH.
(Residents only.) ALSO BIRTH AND DEATH RATES.—Continued.

R.M. No.	Esti- mated popu- lation	Births	Birth rate	Deaths	Death rate	Influ- enza	Tuber- culosis	Cancer	Dia- betes	Apo- plexy	Heart dis- eases	Pneu- monia	Diar- rhoea	Neph- ritis	Puer- peral	Acci- dent	Infant mor- tality	Still- births
137...	8,597	170	19.8	63	7.3	3	2	3	2	4	12	5	1	1	..	2	9	1
138...	2,167	28	12.9	10	4.6	..	..	1	..	..	3	..	..	..	..	4	1	1
139...	2,416	39	16.1	9	3.7	..	..	1	..	..	2	..	..	1	..	..	1	..
140...	470	7	14.9	1	2.1	..	..	..	..	..	..	..	..	..	..	..	..	1
141...	1,036	18	17.4	6	5.8	..	..	..	..	..	1	..	..	..	..	1	2	..
142...	713	18	25.2	2	2.8	..	..	..	..	..	..	..	..	..	..	..	2	..
151...	2,512	49	19.5	16	6.4	2	..	2	1	..	3	1	..	1	..	1	2	4
152...	1,934	37	19.1	9	4.7	..	..	..	1	1	1	2	..	1	..	1	1	..
153...	2,403	43	17.9	16	6.7	..	..	4	..	2	1	..	..	1	..	..	5	1
154...	4,480	83	18.5	37	8.3	..	3	9	1	2	2	..	1	1	..	1	6	2
155...	3,003	46	15.3	22	7.3	..	1	1	..	4	5	..	1	..	..	1	5	3
156...	3,895	68	17.5	34	8.7	1	..	3	1	1	1	..	..	1	..	5	6	1
157...	3,258	50	15.3	26	8.0	4	..	1	3	2	1	1	..	..	1	2	6	3
158...	3,470	70	20.2	20	5.8	1	3	2	..	1	4	1	..	..	..	..	4	1
159...	59,006	940	15.9	331	5.6	11	21	36	2	17	51	17	4	7	5	22	49	25
160...	2,205	21	9.5	14	6.3	1	..	2	..	..	4	..	1	..	..	2	2	1
161...	23,763	351	14.8	165	6.9	3	6	17	4	..	34	11	1	3	1	10	19	5
162...	1,297	18	13.9	10	7.7	..	..	2	..	3	2	..	..	1	..	..	1	..
163...	1,639	26	15.9	14	8.5	1	..	3	..	1	3	1	..	..	..	1	..	..
164...	1,450	21	14.5	12	8.3	1	2	2	..	..	1	1	..	..	..	..	1	..
165...	3,568	86	24.1	18	5.0	1	1	2	..	1	4	..	..	..	..	2	6	3
166...	3,563	97	27.2	17	4.8	..	2	1	..	1	4	1	..	..	..	..	4	1
167...	1,434	27	18.8	...	...	..	...	2	..	..	2	..	..	..	..	..	..	..
168...	3,329	52	15.6	22	6.6	1	..	2	..	1	2	4	..	1	..	3	5	1
169...	1,633	34	20.8	11	6.7	1	..	1	..	..	..	1	..	1	..	..	2	2
170...	387	10	25.8	2	5.2	..	..	..	..	..	..	1	..	..	..	..	..	..
171...	2,341	69	29.5	11	4.7	2	1	..	..	..	1	2	..	..	..	..	4	..
172...	1,378	24	17.4	5	3.6	1	..	..	..	1	2	1	..	..	..	..	2	..
181...	2,305	51	22.1	14	6.1	2	1	1	1	1	2	4	..	..	..	..	3	2
183...	3,883	94	24.2	26	6.7	..	..	5	..	1	5	3	..	2	1	1	5	..
184...	3,331	69	20.7	27	8.1	..	1	1	..	..	4	6	2	1	..	3	12	3
185...	3,997	83	20.8	28	7.0	4	1	3	..	2	4	2	1	..	..	..	8	1

[illegible]

TABLE CIX—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages), 1933. FROM THIRTEEN SELECTED CAUSES OF DEATH.
(Residents only.) ALSO BIRTH AND DEATH RATES.—Continued.

R.M. No.	Esti- mated popu- lation	Births	Birth rate	Deaths	Death rate	Influ- enza	Tuber- culosis	Cancer	Dia- betes	Apo- plexy	Heart dis- eases	Pneu- monia	Diar- rhoea	Neph- ritis	Puer- peral	Acci- dent	Infant mor- tality	Still- births
251...	1,955	29	14.8	6	3.1	..	..	2	..	..	1	..	..	..	..	..	..	..
252...	1,842	22	11.9	13	7.1	1	..	2	..	..	3	..	..	1	..	..	3	..
253...	1,325	19	14.3	4	3.0	..	..	..	..	1	..	1	..	..	..	..	1	1
254...	3,261	60	18.4	24	7.4	2	1	..	1	1	3	1	1	..	..	3	6	..
255...	2,122	23	10.8	9	4.2	..	..	..	..	..	1	..	..	1	..	..	2	1
256...	1,177	6	5.1	4	3.4	..	..	1	..	..	1	..	..	..	..	..	1	..
257...	1,844	25	13.6	11	6.0	2	..	1	..	..	1	..	..	..	..	2	1	..
258...	1,464	26	17.8	8	5.5	1	..	3	..	..	1	..	..	1	..	2	1	..
259...	2,580	51	19.8	11	4.3	..	..	..	1	1	2	1	..	..	..	2	4	2
260...	1,954	31	15.9	11	5.6	1	..	2	..	..	1	1	..	..	..	..	4	1
261...	1,556	41	26.3	7	4.5	1	..	..	..	..	..	1	..	..	1	..	4	3
262...	957	9	9.4	4	4.2	..	..	2	..	..	1	..	..	..	..	..	..	..
271...	5,749	113	19.7	43	7.5	5	4	1	..	2	5	7	..	3	1	1	8	1
273...	4,927	104	21.1	46	9.3	2	3	5	1	3	8	5	1	..	..	3	4	2
274...	4,964	108	21.8	30	6.0	..	3	1	1	..	9	3	1	1	..	1	11	4
275...	4,445	114	25.6	26	5.8	1	1	1	1	..	7	1	1	..	3	1	5	..
276...	3,776	85	22.5	25	6.6	1	..	6	1	..	1	..	..	..	1	2	7	4
277...	3,121	90	28.8	21	6.7	..	4	1	1	..	3	1	1	1	..	1	5	..
278...	2,135	48	22.5	20	9.4	1	..	5	..	..	..	1	..	..	2	1	6	2
279...	2,395	36	15.0	10	4.2	1	..	2	..	..	2	..	..	..	..	1	3	..
280...	2,028	20	9.9	11	5.4	1	..	2	..	..	3	..	..	..	..	3	1	1
281...	1,892	32	16.9	13	6.9	..	..	4	1	1	1	1	..	..	..	1	2	2
282...	2,305	43	18.7	7	3.0	1	1	1	1	..	..	..	..	..	..	..	2	1
283...	2,110	37	17.5	11	5.2	1	..	..	1	..	5	1	..	2	..	1	2	1
284...	3,046	46	15.1	21	6.9	1	1	..	..	1	..	1	..	..	..	1	..	..
285...	3,013	44	14.6	17	5.6	1	1	1	2	..	1	1	..	..	1	3	2	1
286...	2,053	30	14.6	19	9.3	3	2	1	1	1	2	1	..	..	..	2	2	2
287...	3,738	75	20.1	24	6.4	2	2	6	1	2	4	1	..	..	..	2	2	3
288...	1,721	25	14.5	9	5.2	2	..	..	..	..	1	1	..	..	..	..	..	1
289...	1,679	37	22.0	9	5.4	..	..	1	1	..	1	1	..	..	..	1	1	2
290...	2,660	59	22.0	24	9.0	..	..	2	1	..	7	1	..	..	1	1	4	..
291...	1,007	22	21.8	5	5.0	..	1	1	..	..	1	1	..	..	..	..	..	..

[illegible]

TABLE CIX—DEATHS IN MUNICIPALITIES (including Cities, Towns and Villages), 1933. FROM THIRTEEN SELECTED CAUSES OF DEATH.
(Residents only.) ALSO BIRTH AND DEATH RATES.—Continued.

R.M. No.	Esti- mated popu- lation	Births	Birth rate	Deaths	Death rate	Influ- enza	Tuber- culosis	Cancer	Dia- betes	Apo- plexy	Heart dis- eases	Pneu- monia	Diar- rhoea	Neph- ritis	Puer- peral	Acci- dent	Infant mor- tality	Still- births
349...	1,890	48	25.4	6	3.2	..	..	..	..	1	..	2	..	..	..	..	2	..
350...	1,807	43	23.8	9	5.0	2	..	..	2	..	..	..	..	..	..	1	2	..
351...	3,075	66	21.5	17	5.5	3	1	1	..	1	2	..	..	1	..	..	5	..
352...	1,860	57	30.6	5	2.7	..	..	..	..	..	..	..	..	..	..	..	1	1
361...	5	...	...	...	...	..	..	..	..	..	..	..	..	..	..	..	..	..
363...	302	6	19.9	3	9.9	..	..	..	..	..	..	..	..	..	..	..	2	..
364...	768	24	31.2	8	10.4	1	..	2	..	1	..	2	..	..	..	2	1	2
365...	465	15	32.3	3	6.5	..	..	..	..	..	..	3	..	..	..	..	1	1
366...	2,500	86	34.4	32	12.8	1	4	..	..	1	4	4	2	1	..	..	12	..
367...	2,909	89	30.6	20	6.9	..	2	2	..	1	5	1	..	..	..	..	3	2
368...	2,503	80	32.0	18	7.2	2	..	..	2	1	2	..	1	1	..	2	5	..
369...	3,208	97	30.2	23	7.2	2	..	4	1	..	3	..	..	..	..	..	9	..
370...	4,925	122	24.8	35	7.1	1	1	3	1	2	1	1	..	..	..	1	5	1
371...	3,718	95	25.6	22	5.9	2	..	4	1	1	2	2	..	..	..	..	3	4
372...	2,963	75	25.3	17	5.7	1	1	1	..	..	2	..	..	..	..	..	3	1
373...	3,142	87	27.7	19	6.0	2	..	1	1	..	1	3	..	..	..	..	6	1
374...	5,372	181	33.7	30	5.6	2	2	2	..	..	6	2	3	1	1	..	9	10
375...	2,707	40	14.8	20	7.4	..	..	4	1	1	2	1	2	..	..	2	5	..
376...	2,356	45	19.1	15	6.3	..	2	..	..	1	2	5	..	..	..	1	4	..
377...	1,807	57	31.5	21	11.6	1	..	3	..	..	4	3	2	..	..	1	5	..
378...	1,154	26	22.5	2	1.7	..	..	..	..	..	1	..	..	..	..	..	..	..
379...	2,130	27	12.7	8	3.8	..	..	..	..	..	1	1	2	..	..	1	4	..
380...	2,086	49	23.5	12	5.8	..	..	2	..	..	1	2	..	..	..	2	3	..
381...	2,532	48	19.0	10	3.9	..	..	..	..	..	2	1	..	..	1	1	1	..
382...	3,711	116	31.3	18	4.9	2	..	..	..	2	2	3	..	..	1	1	9	1
391...	.....	....	....	....	....	..	..	..	..	..	..	..	..	..	..	..	..	..
393...	4	....	....	1	....	..	..	..	..	..	..	..	..	..	..	..	..	..
394...	284	11	38.7	2	7.0	..	..	..	..	..	..	..	..	..	..	..	1	..
395...	1,129	41	36.3	8	7.1	..	..	..	..	..	..	1	..	..	..	1	5	1
396...	1,505	64	42.5	12	7.9	1	..	..	..	..	1	..	..	..	1	1	2	..
397...	1,917	44	23.0	16	8.3	1	..	5	1	1	1	..	..	..	..	2	2	1
398...	2,859	82	28.7	21	7.3	..	2	1	..	..	6	1	..	1	..	1	4	3

[illegible]

[illegible]

Number 'Rate

297
31.2

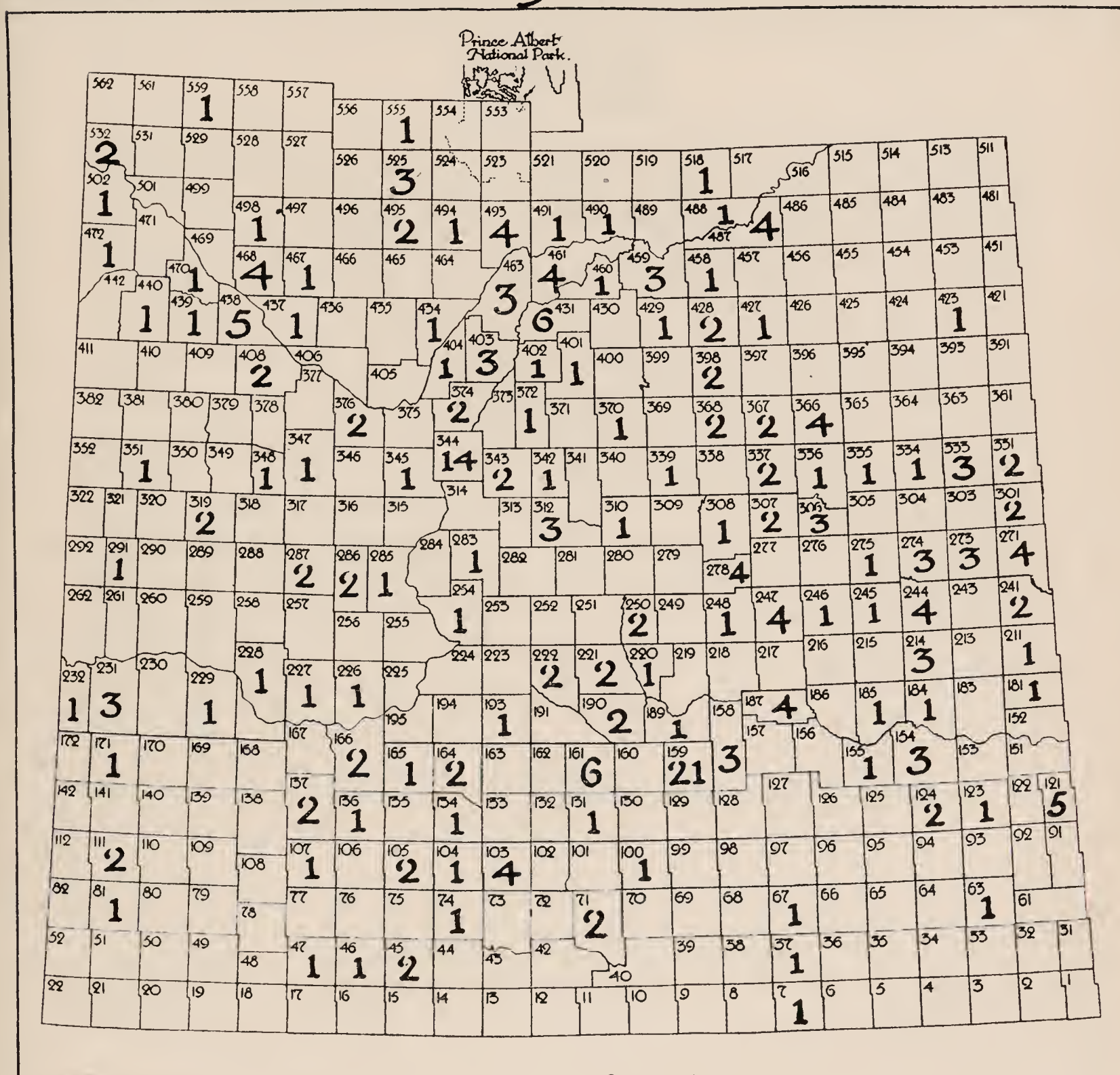


DIAGRAM · XXV · Number 771 HEART DISEASES · 1933 · Rate 81.1

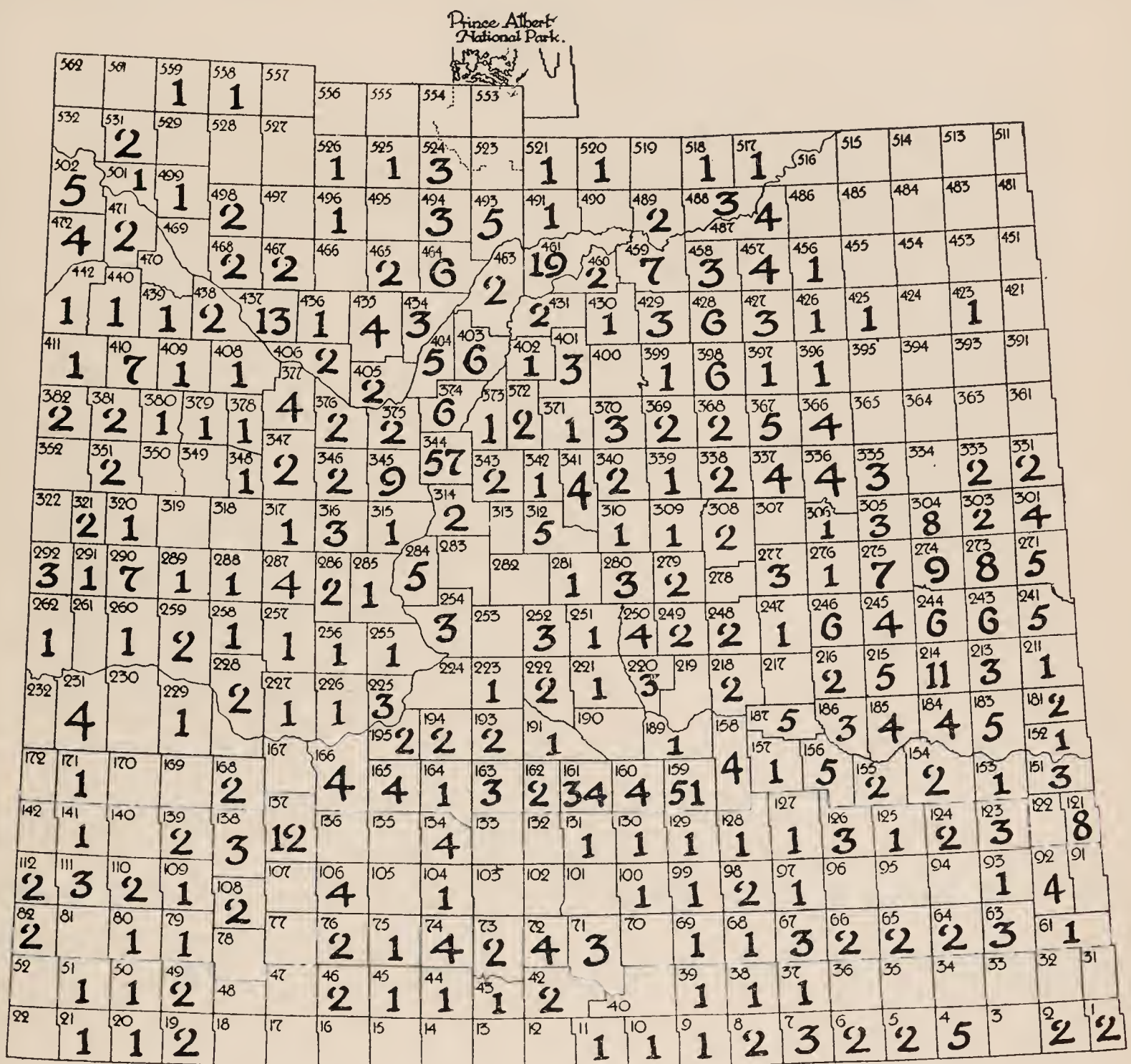


DIAGRAM · XXVII ·
MATERNAL MORTALITY. 1933

Number 92
Rate 4.6

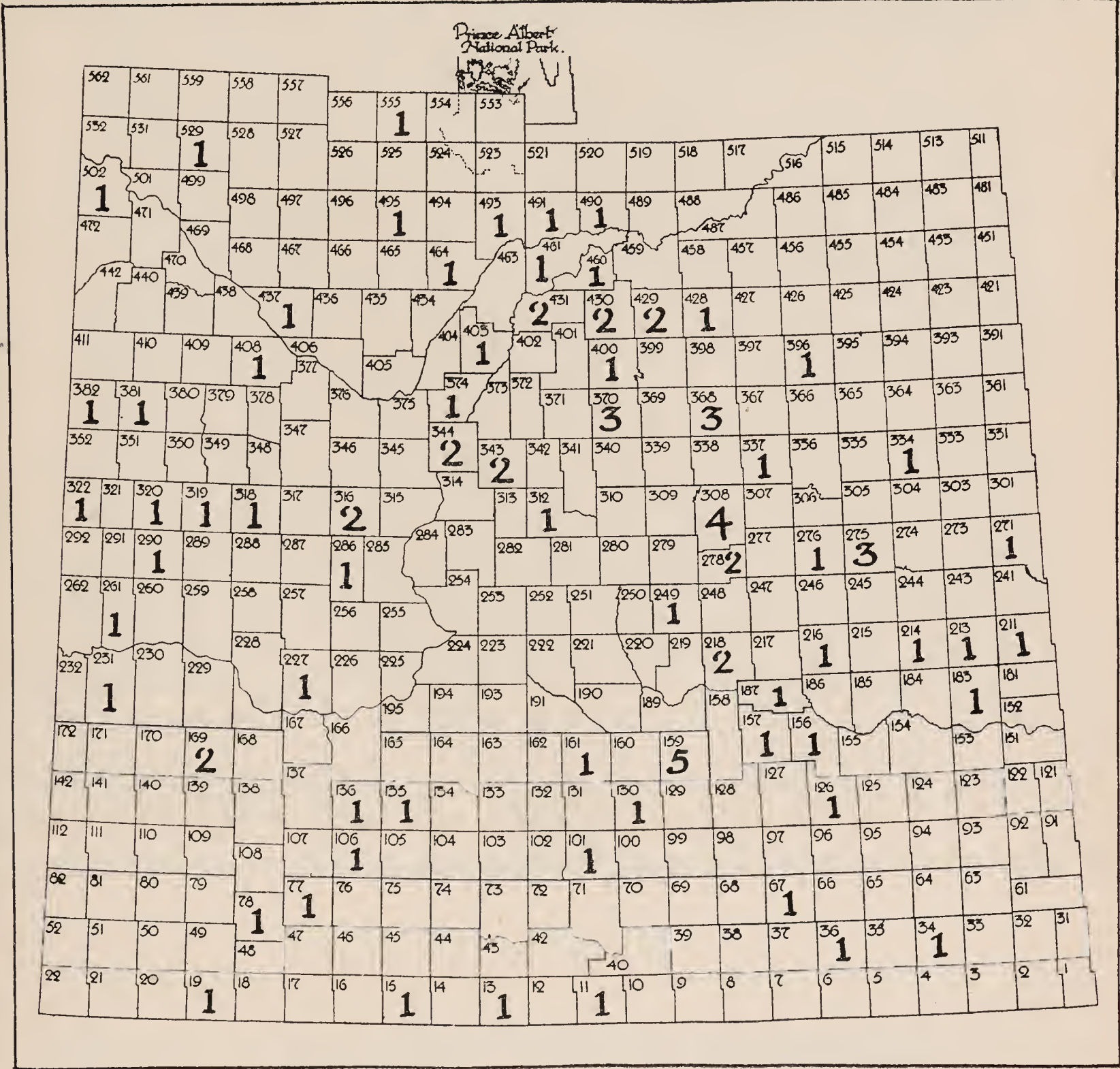
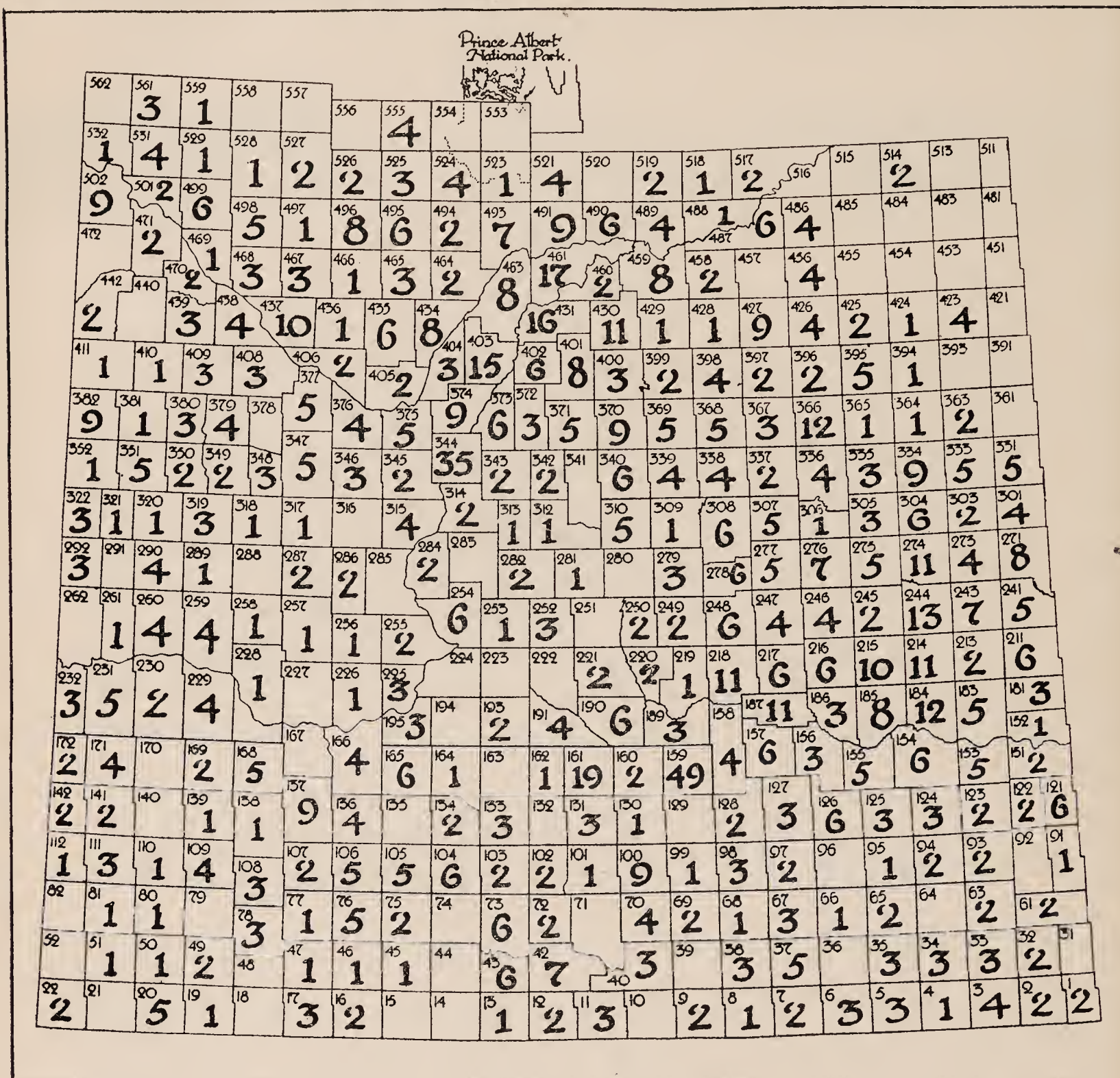


DIAGRAM · XXVIII · Number 1231 INFANT MORTALITY. 1933. Rate 61.1



UNDER 5 Years	14.2	
5 ~ 9 YEARS	1.1	
10 ~ 14 YEARS	1.1	
15 ~ 19 YEARS	1.5	
20 ~ 29 YEARS	2.2	
30 ~ 39 YEARS	2.7	
40 ~ 49 YEARS	4.5	
50 ~ 59 YEARS	10.2	
60 and over	43.2	

DIAGRAM · XXX ·

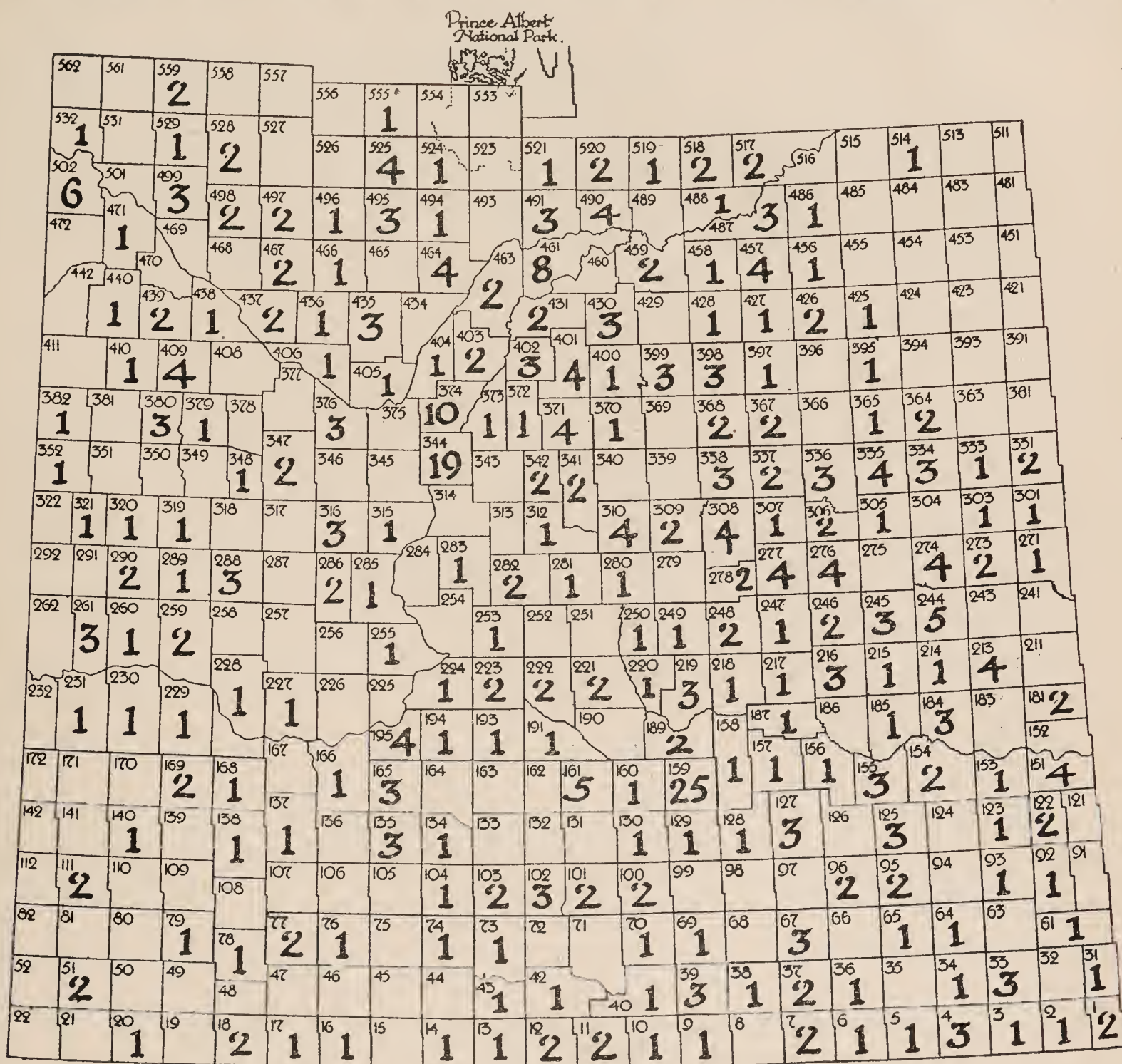
GENERAL MORTALITY 1933

DEATH RATE PER 1000

IN EACH PERIOD.

DIAGRAM · XXIX · STILLBIRTHS · 1933 ·

Number 467
Rate 49.1



UNDER 1 YEAR	20.4	
1-4 YEARS	5.2	
5-9 YEARS	2.0	
10-14 YEARS	2.1	
15-19 YEARS	2.6	
20-29 YEARS	5.5	
30-39 YEARS	5.4	
40-49 YEARS	8.6	
50-59 YEARS	11.6	
60-69 YEARS	12.8	
70 and over	23.6	
UNKNOWN	2	

DIAGRAM · XXXI ·
GENERAL MORTALITY 1933
PERCENTAGES OF TOTAL DEATHS :

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition										Wid- owed		
			Under 15 years	Single					Married						
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over		Age not stated	
	Deaths—All Causes	Total	6,024	1,791	266	186	161	143	11	59	489	1,089	877	3	949
		M.	3,367	997	162	152	137	111	10	15	190	623	588	2	380
		F.	2,657	794	104	34	24	32	1	44	299	466	289	1	569
	Class I—Infectious and para- sitic diseases	Total	776	297	85	50	9	8	1	14	80	100	60	....	72
		M.	407	149	43	39	7	4	1	2	40	53	42	....	27
		F.	369	148	42	11	2	4	....	12	40	47	18	....	45
1.	Typhoid fever	M.	14	....	5	2	1	....	....	....	3	1	2	....	....
		F.	3	....	1	....	....	....	....	....	....	1	....	....	1
2.	Paratyphoid fever	M.	1	....	1	....	....	....	....	....	....	....	....	....	....
		F.	1	....	....	....	....	....	....	....	....	....	1	....	....
6.	Smallpox	F.	1	1	....	....	....	....	....	....	....	....	....	....	....
7.	Measles	M.	3	3	....	....	....	....	....	....	....	....	....	....	....
		F.	2	2	....	....	....	....	....	....	....	....	....	....	....
8.	Scarlet fever	M.	4	3	....	1	....	....	....	....	....	....	....	....	....
		F.	8	5	2	....	....	....	....	....	....	1	....	....	....
9.	Whooping cough	M.	13	13	....	....	....	....	....	....	....	....	....	....	....
		F.	21	21	....	....	....	....	....	....	....	....	....	....	....
10.	Diphtheria	M.	10	9	1	....	....	....	....	....	....	....	....	....	....
		F.	8	8	....	....	....	....	....	....	....	....	....	....	....
11.	Influenza	M.	161	61	10	9	4	1	1	....	7	21	31	....	16
		F.	157	66	4	2	....	2	....	....	10	22	14	....	37
	(a) Sole cause	M.	31	13	1	2	....	....	....	....	....	2	6	....	7
		F.	31	14	1	1	....	2	....	....	....	4	4	....	5
	(b) With bronchitis	M.	5	1	....	....	....	....	....	....	....	....	3	....	1
		F.	4	2	....	....	....	....	....	....	....	1	1	....	....
	(c) With pneumonia	M.	76	32	4	5	3	....	1	....	5	10	11	....	5
		F.	58	29	....	....	....	....	....	....	5	6	5	....	13
	(d) With other respiratory diseases	M.	5	1	....	....	....	....	....	....	1	1	2	....	....
		F.	10	4	....	....	....	....	....	....	....	1	1	....	4
	(e) With intestinal complica- tions	M.	4	....	....	1	....	....	....	....	1	2	....	....	1
		F.	4	3	....	....	....	....	....	....	....	....	....	....	....
	(f) With other causes	M.	40	14	5	1	1	1	....	....	....	6	9	....	3
		F.	50	14	3	1	....	....	....	....	5	10	3	....	14
13.	Dysentery	M.	5	2	....	....	....	....	....	....	1	....	2	....	....
		F.	7	7	....	....	....	....	....	....	....	....	....	....	....
15.	Erysipelas	M.	5	3	....	....	....	....	....	....	1	1	....	....	....
		F.	4	3	....	1	....	....	....	....	....	....	....	....	....
16.	Polio-myelitis and polio- encephalitis (acute)	M.	3	2	1	....	....	....	....	....	....	....	....	....	....
		F.	5	1	3	....	....	....	....	....	....	....	1	....	....
17.	Epidemic or lethargic encephalitis	M.	4	2	....	....	....	....	....	....	....	....	1	....	1
18.	Epidemic cerebrospinal meningitis	M.	4	4	....	....	....	....	....	....	....	....	....	....	....
		F.	3	1	2	....	....	....	....	....	....	....	....	....	....
22.	Tetanus	M.	1	1	....	....	....	....	....	....	....	....	....	....	....
23-32.	Tuberculosis	M.	158	39	24	25	2	1	....	2	25	27	4	....	9
		F.	139	28	30	8	2	2	....	12	29	20	2	....	6
23.	Tuberculosis of the respiratory system	M.	115	14	20	20	2	1	....	2	21	22	4	....	9
		F.	109	14	25	7	2	2	....	11	26	17	1	....	4
24..	Tuberculosis of the meninges and central nervous system.....	M.	17	14	2	1	....	....	....	....	....	....	....	....	....
		F.	13	12	1	....	....	....	....	....	....	....	....	....	....
25.	Tuberculosis of the intestines and peritoneum	M.	7	4	1	....	....	....	....	....	....	2	....	....	....
		F.	3	1	....	....	....	....	....	1	1	....	....	....	....
26.	Tuberculosis of the vertebral column	M.	7	2	1	3	....	....	....	....	1	....	....	....	....
		F.	3	....	1	....	....	....	....	....	1	1	....	....	....
27.	Tuberculosis of the bones and joints (vertebral column excepted)	M.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(a) Of bones	M.	1	....	....	....	....	....	....	....	....	1	....	....	....
29.	Tuberculosis of the lymphatic system (mesenteric, retroperitoneal and bronchial glands excepted)	M.	3	3	....	....	....	....	....	....	....	....	1	....	1
		F.	2	....	....	....	....	....	....	....	....	....	....	....	....
30.	Tuberculosis of the genito- urinary system	M.	3	1	....	1	....	....	....	....	....	1	....	....	....
		F.	2	....	1	....	....	....	....	....	....	....	....	....	....
31.	Tuberculosis of other organs	F.	1	....	....	....	....	....	....	....	....	....	....	....	....
32.	Disseminated tuberculosis	M.	5	1	....	....	....	....	....	....	3	1	....	....	....
		F.	6	1	2	1	....	....	....	....	1	1	....	....	....
	(a) Acute	M.	5	1	....	....	....	....	....	....	3	1	....	....	....
		F.	2	....	....	1	....	....	....	....	1	....	....	....	....
	(b) Chronic	F.	3	1	1	....	....	....	....	....	....	1	....	....	....
	(c) Not specified	F.	1	....	1	....	....	....	....	....	....	....	....	....	....
34.	Syphilis	M.	7	....	....	1	....	1	....	....	1	1	2	....	1
		F.	3	1	....	....	....	....	....	....	....	2	....	....	....
35.	Gonococcus infection and other venereal diseases	M.	1	....	....	1	....	....	....	....	....	....	....	....	....
36.	Purulent infection, septicaemia (non-puerperal)	M.	9	4	1	....	....	1	....	....	1	2	....	....	....
		F.	5	4	....	....	....	....	....	....	1	....	....	....	....
41.	Hydatid cysts	F.	2	....	....	....	....	....	....	....	....	1	....	....	1
	(b) Of other organs	F.	2	....	....	....	....	....	....	....	....	1	....	....	1
43.	Mycoses	M.	1	....	....	....	....	....	....	....	1	....	....	....	....

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months												
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	Int. list No.
		United States	Other														
3,461	840	438	1,239	46	688	539	548	536	482	455	416	508	453	456	463	480	
1,912	464	240	713	38	359	296	309	303	272	280	232	289	248	249	246	284	
1,549	376	198	526	8	329	243	239	233	210	175	184	219	205	207	217	196	
546	77	40	110	3	170	102	88	61	54	37	45	53	45	36	43	42	
275	39	26	65	2	85	49	51	36	26	26	22	30	25	13	23	21	
271	38	14	45	1	85	53	37	25	28	11	23	23	20	23	20	21	
9	1	1	3	---	---	2	1	2	1	1	---	---	2	1	1	3	1
1	1	---	---	1	---	---	1	---	---	---	1	---	---	1	---	---	
1	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	2
---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	
1	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	6
3	---	---	---	---	---	---	---	1	---	---	1	---	---	---	1	---	7
2	---	---	---	---	---	---	---	1	---	---	---	---	---	---	1	---	
4	---	---	---	---	---	---	---	1	3	---	---	---	---	---	---	---	8
7	1	---	---	---	---	3	1	1	---	---	2	1	---	---	---	---	
13	---	---	---	---	2	---	3	---	---	---	1	2	1	1	2	1	9
21	---	---	---	---	5	5	2	2	2	---	1	1	1	1	1	---	
10	---	---	---	---	---	2	1	2	---	1	1	---	1	---	1	1	10
7	---	---	1	---	2	3	---	---	---	---	1	1	1	---	---	---	
105	21	11	22	2	68	30	27	9	3	6	1	3	4	2	3	5	11
114	21	5	17	---	66	32	18	9	5	2	5	2	1	4	9	4	
22	2	2	4	1	17	1	5	3	1	2	---	1	1	---	---	---	11a
28	2	---	1	---	13	7	5	1	---	1	---	1	1	---	1	1	
2	1	---	2	---	2	---	1	---	---	1	---	---	---	---	1	---	11b
4	---	---	---	---	3	---	1	---	---	---	---	---	---	---	---	---	
50	9	6	10	1	39	18	7	2	1	2	---	1	1	1	---	4	11c
39	10	1	8	---	28	11	3	4	1	1	2	1	---	2	3	2	
1	3	---	1	---	---	1	3	---	---	1	---	---	---	---	---	---	11d
6	1	1	2	---	3	2	---	1	1	---	---	---	---	1	1	1	
3	1	---	---	---	1	---	---	---	---	---	1	1	---	---	1	---	11e
4	---	---	---	---	---	2	---	---	1	---	---	---	---	1	---	---	
27	5	3	5	---	9	10	11	4	1	---	---	---	2	1	1	1	11f
33	8	3	6	---	19	10	9	3	2	---	3	---	---	---	4	---	
3	1	---	1	---	1	1	---	---	---	1	---	1	---	---	---	1	13
7	---	---	---	---	---	---	1	---	---	---	---	4	2	---	---	---	
3	1	---	1	---	---	2	---	---	---	1	1	---	---	---	1	---	15
4	---	---	---	---	1	---	---	1	---	1	---	---	---	---	1	---	
3	---	---	---	---	---	---	---	---	---	---	1	1	1	1	---	---	16
5	---	---	---	---	---	---	---	---	---	1	1	---	1	2	---	---	
3	1	---	---	---	---	---	---	2	---	---	---	---	---	---	---	2	17
4	---	---	---	---	---	1	---	---	---	---	1	---	1	---	1	---	18
2	---	---	1	---	---	---	1	1	---	---	---	1	---	---	---	---	
1	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	22
99	11	13	35	---	11	11	16	18	17	14	16	22	12	5	10	6	23-32
93	15	8	23	---	10	10	13	9	18	7	12	12	12	13	8	15	
67	10	10	28	---	8	8	11	15	11	11	8	18	8	4	10	3	23
68	12	8	21	---	10	8	11	5	12	5	11	10	9	11	6	11	
16	---	---	1	---	2	3	1	---	2	2	4	2	---	---	---	1	24
13	---	---	---	---	---	1	2	3	3	1	---	---	---	---	1	2	
6	---	1	---	---	1	---	1	2	2	---	1	---	---	---	---	---	25
2	1	---	---	---	---	---	---	1	---	---	---	---	2	---	---	---	
3	1	1	2	---	---	---	1	---	1	1	1	1	---	---	---	2	26
3	---	---	---	---	---	---	---	---	1	---	1	1	---	---	---	---	
---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	---	27
---	---	---	1	---	---	---	---	---	---	---	---	---	1	---	---	---	27a
3	---	---	---	---	---	---	---	1	1	---	---	---	1	---	---	---	29
---	1	---	1	---	---	---	---	---	---	---	---	---	---	1	1	---	
1	---	1	1	---	---	---	---	---	---	---	---	1	1	1	---	---	30
2	---	---	---	---	---	---	---	---	---	1	---	---	---	1	---	---	
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	31
3	---	---	2	---	---	---	2	---	---	---	2	---	1	---	---	---	32
4	1	---	1	---	---	1	---	---	2	---	---	1	1	---	---	1	
3	---	---	2	---	---	---	2	---	---	---	2	---	1	---	---	---	32a
1	---	---	1	---	---	---	---	---	1	---	---	---	---	---	---	1	
2	1	---	---	---	---	---	---	---	1	---	---	1	1	---	---	---	32b
1	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	---	32c
4	1	1	1	---	1	---	---	---	1	---	---	1	2	---	2	---	34
2	---	1	---	---	1	---	---	---	1	---	---	1	---	---	---	---	
---	---	---	1	---	1	---	---	---	---	---	---	---	---	---	---	---	35
7	1	---	1	---	---	---	2	1	---	2	---	---	1	1	1	1	36
5	---	---	---	---	---	---	---	1	1	---	---	---	2	---	---	1	
---	---	---	2	---	---	---	---	---	---	---	---	---	---	2	---	---	41
---	---	---	2	---	---	---	---	---	---	---	---	---	---	2	---	---	41b
---	1	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	43

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition										Wid- owed		
			Under 15 years	Single					Married						
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over		Age not stated	
44.	Other infectious or parasitic diseases	M.	3	3	---	---	---	---	---	---	---	---	---	---	---
	(a) Chiekenpox	M.	1	1	---	---	---	---	---	---	---	---	---	---	---
	(c) Others under this title	M.	2	2	---	---	---	---	---	---	---	---	---	---	---
	Class II—Cancer and other tumors	Total	631	9	12	6	26	13	---	5	68	246	125	---	121
		M.	286	4	7	4	19	9	---	---	12	112	82	---	37
		F.	345	5	5	2	7	4	---	5	56	134	43	---	84
45-53.	Cancer and other malignant tumors	M.	278	3	6	4	19	9	---	---	12	108	82	---	35
		F.	315	5	3	1	6	4	---	4	49	123	40	---	80
45.	Cancer of the buccal cavity and pharynx	M.	28	---	---	---	3	---	---	---	---	11	9	---	5
		F.	6	---	---	---	---	---	---	---	1	---	2	---	3
46.	Caneer of the digestive traet and peritoneum	M.	165	1	---	3	13	7	---	---	4	71	52	---	14
		F.	146	2	---	1	3	2	---	---	16	47	31	---	44
	(a) Of the oesophagus	M.	11	---	---	---	---	---	---	---	---	5	5	---	1
		F.	2	---	---	---	---	---	---	---	---	---	1	---	1
	(b) Of the stomach and duodenum	M.	99	---	---	1	8	6	---	---	3	43	28	---	19
		F.	63	---	---	1	3	1	---	---	2	22	15	---	19
	(c) Of the rectum	M.	10	---	---	---	1	---	---	---	---	4	4	---	1
		F.	7	---	---	---	---	---	---	---	4	1	1	---	1
	(d) Of the liver and biliary ducts	M.	22	---	---	---	3	---	---	---	---	11	7	---	1
		F.	17	---	---	---	---	---	---	---	1	4	4	---	8
	(e) Of the pancreas	M.	5	---	---	---	1	---	---	---	---	2	2	---	---
		F.	15	---	---	---	---	---	---	---	1	7	2	---	5
	(f) Of the peritoneum	F.	1	---	---	---	---	---	---	---	---	1	---	---	---
	(g) Of the other organs	M.	18	1	---	2	---	1	---	---	1	6	6	---	1
		F.	41	2	---	---	---	1	---	---	8	12	8	---	10
47.	Cancer of the respiratory organs	M.	21	---	---	---	---	---	---	---	3	13	4	---	1
		F.	12	2	1	---	---	---	---	---	2	6	---	---	1
	(a) Of the larynx	M.	2	---	---	---	---	---	---	---	---	1	1	---	---
		F.	4	---	---	---	---	---	---	---	1	2	---	---	1
	(b) Of the lung	M.	18	---	---	---	---	---	---	---	3	11	3	---	1
		F.	6	2	---	---	---	---	---	---	---	4	---	---	---
	(c) Of the mediastinum	M.	1	---	---	---	---	---	---	---	---	1	---	---	---
		F.	1	---	1	---	---	---	---	---	---	---	---	---	---
	(d) Of other organs of the respiratory system	F.	1	---	---	---	---	---	---	---	1	---	---	---	---
48.	Cancer of the uterus	F.	43	---	---	---	---	1	---	---	8	23	2	---	9
	(a) Of the uterus	F.	29	---	---	---	---	---	---	---	3	17	2	---	7
	(b) Of the cervix uteri	F.	14	---	---	---	---	1	---	---	5	6	---	---	2
49.	Cancer of other female genital organs	F.	11	---	---	---	---	---	---	---	5	5	---	---	1
50.	Cancer of the breast	F.	59	---	---	---	3	1	---	---	13	27	3	---	12
51.	Cancer of the male genito-urinary organs	M.	36	1	1	1	2	2	---	---	---	7	12	---	10
	(a) Of the bladder	M.	8	---	---	---	1	1	---	---	---	2	1	---	3
	(b) Of the kidney	M.	6	1	---	---	---	1	---	---	---	4	---	---	---
	(c) Of the prostate gland	M.	19	---	---	---	1	---	---	---	---	---	11	---	7
	(d) Of the testiele	M.	3	---	1	1	---	---	---	---	---	1	---	---	---
52.	Cancer of the skin	M.	3	---	---	---	---	---	---	---	1	---	---	---	2
		F.	6	---	---	---	---	---	---	1	---	2	1	---	2
53.	Cancer of other or not speeified organs	M.	25	1	5	---	1	---	---	---	4	6	5	---	3
		F.	32	1	2	---	---	---	---	3	4	13	1	---	8
	(a) Of the eye and orbit	F.	2	1	---	---	---	---	---	---	---	1	---	---	---
	(c) Of the glandular system	M.	5	---	---	---	---	---	---	---	1	1	2	---	1
		F.	7	---	---	---	---	---	---	---	---	3	---	---	4
	(d) Of the female urinary organs	F.	4	---	---	---	---	---	---	---	---	2	1	---	1
	(e) Of the bones and joints	M.	8	---	3	---	---	---	---	---	1	2	2	---	---
		F.	5	---	1	---	---	---	---	---	1	3	---	---	---
	(f) Of the brain	M.	7	---	1	---	1	---	---	---	2	1	1	---	1
		F.	5	---	---	---	---	---	---	2	1	2	---	---	---
	(g) Of the spine and spinal eord	M.	1	---	---	---	---	---	---	---	---	1	---	---	---
	(i) Of the abdomen	M.	2	---	---	---	---	---	---	---	---	1	---	---	1
		F.	6	---	---	---	---	---	---	---	1	2	---	---	3
	(j) Of other speeified organs	M.	2	1	1	---	---	---	---	---	---	---	---	---	---
		F.	2	---	1	---	---	---	---	1	---	---	---	---	---
	(k) Multiple eancer	F.	1	---	---	---	---	---	---	---	1	---	---	---	---
54.	Non-malignant tumors	M.	6	1	1	---	---	---	---	---	---	3	---	---	1
		F.	26	---	1	1	1	---	---	1	5	11	3	---	3
	(a) Of the ovary	F.	6	---	1	---	---	---	---	---	1	1	2	---	1
	(b) Of the uterus	F.	14	---	---	1	1	---	---	---	3	7	1	---	1
	(d) Of the brain	M.	4	1	1	---	---	---	---	---	---	2	---	---	---
		F.	3	---	---	---	---	---	---	---	1	1	---	---	1
	(e) Of the thyroid gland	F.	1	---	---	---	---	---	---	---	---	1	---	---	---
	(f) Of the prostate gland	M.	1	---	---	---	---	---	---	---	---	---	---	---	1
	(g) Of other or unspecified sites	M.	1	---	---	---	---	---	---	---	---	1	---	---	---
		F.	2	---	---	---	---	---	---	1	---	1	---	---	---

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition											Wid- owed
			Under 15 years	Single					Married					
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Ago not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	
55.	Tumors, nature not specified.....M.	2	....	....	....	....	....	....	....	....	1	....	....	1
	F.	4	....	1	....	....	....	....	....	2	....	....	....	1
	(d) Of the brain .....M.	2	....	....	....	....	....	....	....	....	1	....	....	1
	F.	2	....	1	....	....	....	....	....	1	....	....	....	....
	(g) Of other or unspecified sites..F.	2	....	....	....	....	....	....	....	1	....	....	....	1
	Class III—Rheumatic diseases, diseases of nutrition and Total	165	38	12	5	6	....	....	....	11	43	24	....	26
	of the endocrine glands and M.	72	20	5	3	6	....	....	....	4	18	8	....	8
	other general diseases.....F.	93	18	7	2	....	....	....	....	7	25	16	....	18
56.	Acute rheumatic fever .....M.	13	4	3	....	....	....	....	....	....	1	2	....	3
	F.	13	7	1	1	....	....	....	....	1	2	....	....	1
57.	Chronic rheumatism, osteo- M.	3	....	....	1	....	....	....	....	....	1	....	....	1
	arthritis .....F.	4	....	....	....	....	....	....	....	....	....	1	....	3
59.	Diabetes mellitus .....M.	31	2	1	1	6	....	....	....	1	11	6	....	3
	F.	50	6	2	1	....	....	....	....	3	16	12	....	10
63.	Rickets .....M.	4	4	....	....	....	....	....	....	....	....	....	....	....
	F.	2	2	....	....	....	....	....	....	....	....	....	....	....
64.	Osteomalacia .....M.	1	....	....	....	....	....	....	....	1	....	....	....	....
65.	Diseases of the pituitary gland ...F.	2	....	2	....	....	....	....	....	....	....	....	....	....
66.	Diseases of the thyroid and M.	5	3	1	....	....	....	....	....	....	....	....	....	1
	parathyroid glands .....F.	17	1	2	....	....	....	....	....	3	6	2	....	3
	(b) Exophthalmic goitre .....M.	2	....	1	....	....	....	....	....	....	....	....	....	1
	F.	15	....	2	....	....	....	....	....	3	5	2	....	3
	(c) Myxoedema, cretinism .....F.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(d) Tetany .....M.	3	3	....	....	....	....	....	....	....	....	....	....	....
	F.	1	1	....	....	....	....	....	....	....	....	....	....	....
67.	Diseases of the thymus gland.....M.	6	6	....	....	....	....	....	....	....	....	....	....	....
	F.	2	2	....	....	....	....	....	....	....	....	....	....	....
68.	Diseases of the adrenals M.	1	....	....	....	....	....	....	....	1	....	....	....	....
	(Addison's disease) .....F.	1	....	....	....	....	....	....	....	....	....	1	....	....
69.	Other general diseases .....M.	8	1	....	1	....	....	....	....	1	5	....	....	....
	F.	2	....	....	....	....	....	....	....	....	1	....	....	1
	(a) Fatty or amyloid degenera- M.	7	....	....	1	....	....	....	....	1	5	....	....	....
	tion .....F.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(c) Others under this title .....M.	1	1	....	....	....	....	....	....	....	....	....	....	....
	F.	1	....	....	....	....	....	....	....	....	....	....	....	1
	Class IV—Diseases of the Total	61	8	4	2	5	....	....	1	6	21	9	....	5
	blood and blood-forming organs..M.	32	5	3	....	4	....	....	....	4	9	5	....	2
	F.	29	3	1	2	1	....	....	1	2	12	4	....	3
70.	Haemorrhagic conditions .....M.	2	1	1	....	....	....	....	....	....	....	....	....	....
	F.	4	....	1	....	....	....	....	1	1	1	....	....	....
	(a) Simple purpura .....M.	1	1	....	....	....	....	....	....	....	....	....	....	....
	F.	4	....	1	....	....	....	....	1	1	1	....	....	....
	(b) Haemophilia .....M.	1	....	1	....	....	....	....	....	....	....	....	....	....
71.	Anaemia .....M.	15	2	1	....	4	....	....	....	....	4	3	....	1
	F.	17	1	....	1	1	....	....	....	1	8	3	....	2
	(a) Pernicious anaemia .....M.	13	1	1	....	3	....	....	....	....	4	3	....	1
	F.	17	1	....	1	1	....	....	....	1	8	3	....	2
	(b) Others under this title.....M.	2	1	....	....	1	....	....	....	....	....	....	....	....
72.	Leukaemia and aleukaemia .....M.	14	2	1	....	....	....	....	....	4	4	2	....	1
	F.	8	2	....	1	....	....	....	....	....	3	1	....	1
	(a) Leukaemia .....M.	11	2	1	....	....	....	....	....	3	2	2	....	1
	F.	6	1	....	1	....	....	....	....	....	2	1	....	1
	(b) Aleukaemia (Hodgkin's M.	3	....	....	....	....	....	....	....	1	2	....	....	....
	disease) .....F.	2	1	....	....	....	....	....	....	....	1	....	....	....
74.	Other diseases of the blood and blood-forming organs .....M.	1	....	....	....	....	....	....	....	....	1	....	....	....
	Class V—Chronic poisonings Total	3	....	....	1	....	....	....	....	....	2	....	....	....
	and intoxications .....M.	2	....	....	1	....	....	....	....	....	1	....	....	....
	F.	1	....	....	....	....	....	....	....	....	1	....	....	....
75.	Alcoholism .....M.	2	....	....	1	....	....	....	....	....	1	....	....	....
	F.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(a) Delirium tremens .....M.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(b) Others alcoholic intoxications..M.	1	....	....	1	....	....	....	....	....	....	....	....	....
	F.	1	....	....	....	....	....	....	....	....	1	....	....	....
	Class VI—Diseases of the Total	375	73	13	18	15	17	....	3	18	72	73	....	73
	nervous system and of the M.	209	43	9	14	14	10	....	1	6	40	44	....	28
	organs of special sense .....F.	166	30	4	4	1	7	....	2	12	32	29	....	45
78.	Encephalitis (non-epidemic).....M.	10	4	....	2	1	....	....	....	1	2	....	....	....
	F.	6	....	....	....	....	1	....	....	1	3	1	....	....
79.	Simple meningitis .....M.	6	6	....	....	....	....	....	....	....	....	....	....	....
	F.	5	4	....	....	....	....	....	....	1	....	....	....	....
80.	Progressive locomotor ataxia .....M.	1	....	....	....	....	....	....	....	....	1	....	....	....
	F.	1	....	....	....	....	....	....	....	....	....	....	....	1
81.	Other diseases of the spinal cord..M.	15	1	1	....	1	1	....	....	....	8	2	....	1
	F.	8	1	....	....	....	....	....	....	1	2	2	....	2

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months													Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December		
		United States	Other															
1	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	55
3	....	1	....	....	....	....	....	....	1	....	....	2	1	....	....	....	55 <i>d</i>
1	....	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....
2	....	....	....	....	....	....	....	....	....	....	....	1	1	....	....	....	55 <i>g</i>
1	....	1	....	....	....	....	....	....	1	....	....	1	....	....	....	....
83	19	15	45	3	14	13	10	14	19	8	8	18	9	22	11	19		
43	7	4	15	3	4	3	5	6	10	5	3	10	3	11	6	6		
40	12	11	30	....	10	10	5	8	9	3	5	8	6	11	5	13	56
9	2	....	2	....	....	....	1	....	3	1	....	2	1	2	2	1	
10	1	1	1	....	1	1	....	....	2	3	1	1	1	2	....	1	57
1	....	....	2	....	1	1	....	....	....	....	....	....	....	....	....	1	
1	....	....	3	....	....	1	....	1	....	....	....	....	....	....	1	1	59
14	4	2	9	2	1	2	4	1	5	3	2	3	1	5	2	2		
14	9	7	20	....	5	4	4	3	6	....	2	5	3	5	4	9	63
4	....	....	....	....	....	....	....	1	....	....	....	....	....	2	....	1	
2	....	....	....	....	....	....	....	....	1	....	1	....	....	....	....	....	64
....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....
2	....	....	....	....	1	....	....	....	....	....	....	....	....	1	....	....	65
4	....	....	1	....	1	....	....	1	....	....	....	2	....	1	....	....	66
9	1	2	5	....	2	3	1	4	....	....	1	1	1	3	....	1	66 <i>b</i>
1	....	....	1	....	1	....	....	....	....	....	....	1	....	....	....	....
7	1	2	5	....	2	2	1	4	....	....	1	1	1	3	....	....	66 <i>c</i>
1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
3	....	....	....	....	....	....	....	1	....	....	....	1	....	1	....	....	66 <i>d</i>
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	67
6	....	....	....	....	....	....	....	....	2	....	....	1	....	....	2	1	
2	....	....	....	....	....	1	....	....	....	....	....	1	....	....	....	....	68
....	1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
....	1	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	69
5	....	2	....	1	1	....	....	2	....	....	1	2	1	1	....	....
....	....	1	1	....	....	....	....	....	....	....	....	....	1	....	....	1	69 <i>a</i>
4	....	2	....	1	1	....	....	2	....	....	....	2	1	1	....	....
....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	69 <i>c</i>
1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	70
26	10	6	19	....	3	1	8	4	3	6	6	10	4	6	5	5	
13	4	3	12	....	2	1	6	1	2	4	4	3	2	2	3	2	70 <i>a</i>
13	6	3	7	....	1	....	2	3	1	2	2	7	2	4	2	3	
2	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....	....	70 <i>b</i>
1	2	1	....	....	....	....	....	....	....	1	....	2	....	....	....	1	
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	71
1	2	1	....	....	....	....	....	....	....	1	....	2	....	....	....	1	
4	2	2	7	....	....	1	4	....	1	1	4	1	1	....	....	2	71 <i>a</i>
9	3	1	4	....	1	....	2	2	1	1	2	2	2	3	1	....	
3	2	1	7	....	....	1	3	....	1	1	4	1	....	....	....	2	71 <i>b</i>
9	3	1	4	....	1	....	2	2	1	1	2	2	2	3	1	....	
1	....	1	....	....	....	....	1	....	....	....	....	....	1	....	....	....	72
7	1	1	5	....	2	....	1	....	1	2	....	2	1	2	3	....	
3	1	1	3	....	....	....	....	1	....	....	....	3	....	1	1	2	72 <i>a</i>
6	1	....	4	....	1	....	1	....	1	2	....	2	1	1	2	....	
2	1	....	3	....	....	....	....	1	....	....	....	2	....	1	....	1	72 <i>b</i>
1	....	1	1	....	1	....	....	....	....	....	....	3	....	1	....	1	
1	....	1	....	....	....	....	....	....	....	....	....	....	....	1	1	1	74
....	1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
3	....	....	....	....	1	....	....	....	1	....	....	....	1	....	....	....	75
2	....	....	....	....	1	....	....	....	1	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	75 <i>a</i>
2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	75 <i>b</i>
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	78
185	63	49	76	2	41	35	34	39	26	25	21	24	21	31	32	46		
96	35	29	48	1	23	20	16	20	16	17	9	14	11	19	15	29	79	
89	28	26	28	1	18	15	18	19	10	8	12	10	10	12	17	17		
5	1	....	4	....	1	....	1	1	....	2	....	1	....	2	2	....	80
2	1	2	1	....	....	....	1	2	....	1	1	....	....	1	1	....	
6	....	....	....	....	1	1	....	....	....	....	....	....	....	....	1	2	81
4	....	1	....	....	1	....	2	....	1	....	....	....	1	....	....	....
....	....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	81
....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....
5	3	3	4	....	2	....	1	....	1	1	....	1	1	1	2	5	
2	2	1	3	....	1	1	1	....	1	....	3	....	....	....	1	....	

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months													Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December		
		United States	Other															
24	20	13	24	1	11	8	9	5	6	6	5	5	5	6	2	14	82	
37	20	11	20	....	11	9	7	13	4	4	5	6	2	7	6	14	82a
21	17	11	21	1	10	7	6	5	6	6	4	5	5	4	....	13	
32	16	7	16	....	7	6	5	11	2	3	5	6	2	5	5	14	
....	2	....	2	....	1	....	1	....	....	....	....	....	....	1	1	....	82b
....	1	1	....	....	2	....	....	....	....	....	....	....	....	....	....	....	82c
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....
2	1	2	1	....	....	1	1	....	....	....	1	....	....	1	1	1	82d
4	3	3	4	....	2	3	1	2	2	1	....	....	....	2	1	....	83
1	....	1	3	....	1	....	....	....	....	....	....	1	1	1	....	1	
....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
13	4	5	5	....	1	5	3	2	4	4	1	....	2	1	2	2	84
7	2	1	1	1	2	....	1	1	....	1	1	1	....	1	3	1	84a
4	1	2	3	....	1	2	1	....	2	....	1	....	2	....	....	1	
6	1	1	1	1	2	....	....	....	....	1	1	1	....	1	3	1	
9	3	3	2	....	....	3	2	2	2	4	....	....	....	1	2	1	84b
1	1	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	85
9	4	3	2	....	1	....	....	5	2	2	....	3	....	2	1	2	
7	....	4	....	....	1	....	2	....	1	1	1	1	1	1	1	1	
23	....	....	....	....	3	3	2	6	1	2	1	2	....	2	1	....	86
17	....	....	....	....	1	2	2	3	2	....	1	....	2	....	4	....	87
6	2	4	4	....	2	1	....	1	2	....	2	1	1	3	2	1	
8	1	....	1	....	....	1	1	....	....	....	....	2	2	3	1	....	
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	87b
....	....	3	1	....	1	1	....	....	....	....	....	1	....	1	....	....	87c
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	87d
3	1	....	2	....	....	....	....	1	1	....	1	....	1	....	1	1	
1	1	....	1	....	....	....	1	....	....	....	....	....	....	2	....	....
3	1	1	....	....	1	....	....	....	1	....	1	....	....	2	....	....	87e
6	....	....	....	....	....	1	....	....	....	....	....	1	2	1	1	....	88
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
4	1	....	1	....	....	2	....	....	....	....	....	....	....	....	2	2	
4	....	....	2	....	1	1	1	....	1	1	....	....	1	....	....	....	89a
2	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	1	
2	....	....	....	....	1	....	....	....	....	1	....	....	....	....	....	....
2	1	....	1	....	....	1	....	....	....	....	....	....	....	....	2	1	89b
2	....	....	2	....	....	1	1	....	1	....	....	....	1	....	....	....	90-95
420	231	92	293	13	113	79	74	82	97	70	79	97	84	94	88	92		
246	137	60	168	11	74	46	39	47	52	40	46	59	44	57	56	62		
174	94	32	125	2	39	33	35	35	45	30	33	38	40	37	32	30	90-95	
180	101	46	132	10	56	32	33	33	43	31	36	47	34	41	37	46		
117	67	18	98	2	30	20	27	27	31	24	17	26	30	24	23	23		
....	....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	90
....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	91
7	1	2	1	....	1	....	....	....	1	1	....	1	1	2	1	3	
5	1	....	....	....	1	....	....	....	1	1	1	1	1	....	....	....
6	1	2	1	....	1	....	....	....	1	....	....	1	1	2	1	3	91a
4	....	....	....	....	1	....	....	....	....	....	1	1	1	....	....	....	91b
1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....
1	1	....	....	....	....	....	....	....	1	1	....	....	....	....	....	....
38	20	11	36	2	13	10	8	9	9	9	6	10	4	13	9	7	92	
45	22	6	31	....	7	5	8	10	13	8	7	7	16	8	8	7	92a
38	20	11	36	2	13	10	8	9	9	9	6	10	4	13	9	7		
43	22	5	31	....	7	5	8	10	13	7	7	7	14	8	8	7	
2	....	1	....	....	....	....	....	....	....	1	....	....	2	....	....	....	92b
51	38	13	43	3	25	11	12	10	13	8	11	11	14	9	11	13	93	
41	29	8	40	....	16	10	13	14	10	7	5	12	6	12	6	7	93a
6	1	1	1	1	2	1	....	1	....	....	1	1	2	....	1	1	
1	3	....	3	....	1	....	1	1	....	....	....	2	....	2	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	93b
36	32	11	36	2	19	10	8	7	10	7	10	8	9	9	9	11	93c	
31	20	8	33	....	13	8	10	12	10	4	3	6	6	8	5	7	93d
8	5	1	6	....	4	....	4	2	3	1	....	2	2	....	1	1	
9	6	....	4	....	2	2	2	1	....	3	2	4	....	2	1	....	
62	25	14	32	4	11	7	9	7	12	10	16	17	10	13	10	15	94	
16	9	3	11	1	3	3	3	1	3	6	4	1	4	3	4	5	94a	
3	....	1	4	....	1	....	2	1	2	....	1	1	....	....	....	....
....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	....
36	16	9	16	3	8	6	6	4	5	6	8	10	7	5	7	8	94b	
9	7	2	6	....	2	2	1	1	2	3	1	1	2	1	3	5	94c
23	9	4	12	1	2	1	1	2	5	4	7	6	3	8	3	7		
7	2	....	5	1	1	1	1	....	1	3	3	....	2	2	1	....	

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
22	17	5	20	1	6	4	4	7	8	3	3	7	5	4	6	8	95
10	5	1	16	1	3	2	2	2	4	2	---	5	3	1	5	4	
2	2	1	5	---	2	1	---	---	2	1	---	2	---	---	---	2	95a
1	1	1	5	---	1	---	---	---	2	1	---	---	1	---	2	1	
20	15	4	15	1	4	3	4	7	6	2	3	5	5	4	6	6	95b
9	4	---	11	1	2	2	2	2	2	1	---	5	2	1	3	3	
5	---	---	---	---	---	1	1	1	1	1	---	---	---	---	---	---	96
2	---	1	---	---	1	---	1	---	1	---	---	---	---	---	---	---	
43	28	9	31	---	12	10	5	11	7	5	10	9	7	9	14	12	97
31	18	6	17	---	4	6	5	3	10	5	9	6	6	8	5	5	
2	1	1	---	---	2	---	---	1	---	---	---	---	---	---	1	---	98
4	1	2	1	---	---	1	1	1	2	---	---	---	1	1	---	1	
2	2	1	---	---	---	1	---	---	---	---	---	1	---	1	1	1	99
2	1	---	---	---	1	---	---	---	---	1	1	---	---	---	---	---	
---	---	---	1	---	---	---	---	---	---	1	---	---	---	---	---	---	100
1	---	---	1	---	---	2	---	---	---	---	---	---	---	---	---	---	
1	---	1	---	---	---	1	---	---	---	---	---	---	---	1	---	---	101
---	1	---	---	---	1	---	---	---	---	---	---	---	---	---	---	---	
13	5	2	4	1	4	1	---	1	1	2	---	2	3	5	3	3	102
16	6	5	8	---	2	4	1	4	1	---	6	6	2	4	4	1	
1	---	---	---	---	---	---	---	---	---	---	---	---	1	---	---	---	103
355	49	21	96	3	80	55	64	54	41	24	20	24	26	37	49	50	
185	20	13	62	3	33	31	34	30	25	10	12	12	22	21	23	30	
170	29	8	34	---	47	24	30	24	16	14	8	12	4	16	26	20	
2	1	1	1	---	1	---	1	---	---	2	---	---	1	---	---	---	104
1	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1	
6	---	---	---	---	1	---	---	2	---	---	---	---	---	2	---	1	105
2	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	---	
2	---	---	---	---	---	---	---	---	---	---	---	---	---	1	---	1	105a
2	---	---	---	---	---	---	1	---	1	---	---	---	---	---	---	---	
4	---	---	---	---	1	---	---	2	---	---	---	---	---	1	---	---	105b
11	---	3	4	---	2	---	3	1	3	---	1	3	1	2	2	---	106
6	5	---	2	---	3	3	---	1	---	2	---	1	---	---	1	2	
9	---	2	---	---	---	---	2	1	1	---	1	2	1	1	2	---	106a
4	2	---	---	---	1	3	---	---	---	---	---	---	---	---	---	2	
2	---	1	4	---	2	---	1	---	2	---	---	1	---	1	---	---	106b
2	3	---	2	---	2	---	---	1	---	2	---	1	---	---	1	---	
88	5	1	15	---	9	18	16	11	10	4	1	4	9	4	11	12	107
76	10	1	13	---	18	9	12	13	4	5	3	6	2	4	17	7	
87	5	1	15	---	9	18	16	11	10	3	1	4	9	4	11	12	107a
73	10	1	13	---	18	9	12	12	3	5	3	5	2	4	17	7	
1	---	---	---	---	---	---	---	---	---	1	---	---	---	---	---	---	107b
3	---	---	---	---	---	---	---	1	1	---	---	1	---	---	---	---	
35	7	5	22	2	10	7	9	6	7	---	5	3	4	9	5	6	108
33	7	4	12	---	11	6	8	5	6	3	1	2	---	8	1	5	
21	3	1	5	---	5	3	4	6	3	2	---	---	---	2	2	3	109
37	3	---	2	---	11	2	6	3	1	3	3	2	---	2	5	4	
6	1	---	---	---	1	1	---	2	---	1	---	---	---	1	---	1	110
3	1	1	---	---	---	1	---	---	2	---	---	---	1	1	---	---	
5	---	---	2	---	---	1	---	---	---	1	1	---	---	---	1	3	111
5	2	---	2	---	2	2	---	1	---	---	1	---	1	---	2	---	
2	---	---	---	---	---	1	---	---	---	---	---	---	---	---	---	1	111a
1	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	---	
3	---	---	2	---	---	---	---	---	---	1	1	---	---	---	1	2	111b
4	2	---	2	---	2	2	---	---	---	---	1	---	1	---	2	---	
8	2	1	10	1	3	1	1	2	2	---	4	1	4	1	1	2	112
4	---	1	3	---	1	1	1	1	1	1	---	1	---	1	---	---	
3	1	1	3	---	1	---	---	---	---	---	---	1	3	---	1	2	114
3	1	1	---	---	1	---	2	---	1	---	---	---	---	---	---	1	
1	1	---	---	---	---	---	---	---	---	---	---	---	1	---	---	1	114a
---	1	---	---	---	---	---	---	---	1	---	---	---	---	---	---	---	114b
2	---	1	3	---	1	---	---	---	---	---	---	1	2	---	1	1	114c
3	---	1	---	---	1	---	2	---	---	---	---	---	---	---	---	1	
374	79	43	102	6	47	45	58	44	37	55	54	58	67	50	41	48	
211	51	20	65	3	23	24	35	31	25	36	25	31	35	25	29	31	
163	28	23	37	3	24	21	23	13	12	19	29	27	32	25	12	17	
15	1	1	7	---	1	1	2	2	2	1	2	3	2	3	5	---	115
10	3	1	1	---	---	2	---	---	---	3	2	2	4	1	---	1	
3	---	---	2	---	---	---	---	1	1	1	---	---	---	---	2	---	115a
2	2	---	---	---	---	---	---	---	---	---	---	2	1	1	---	---	

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL.

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition											Wid- owed	
			Under 15 years	Single					Married						
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated		
	(b) Diseases of the tonsils	M. 11	6	1	3	....	....	....	....	1	....	....	....	....	....
	F. 6	4	1	....	....	....	....	....	....	....	....	....	....	....	1
	(c) Others under this title	M. 8	2	2	1	....	....	....	....	2	....	....	....	....	1
	F. 5	2	2	....	....	....	....	....	....	1	....	....	....	....	....
116.	Diseases of the oesophagus	M. 1	1	....	....	....	....	....	....	....	....	....	....	....	....
	F. 1	....	....	....	....	....	....	....	....	....	....	....	....	....	1
117.	Ulcer of the stomach or	M. 40	....	2	....	....	1	....	....	6	22	4	....	....	5
	duodenum	F. 13	....	1	....	....	....	....	....	1	5	4	....	....	2
	(a) Ulcer of the stomach	M. 21	....	....	....	....	....	....	....	3	12	2	....	....	4
	F. 10	....	1	....	....	....	....	....	....	....	5	3	....	....	1
	(b) Ulcer of the duodenum	M. 19	....	2	....	....	1	....	....	3	10	2	....	....	1
	F. 3	....	....	....	....	....	....	....	....	1	....	1	....	....	1
118.	Other diseases of the stomach.....	M. 23	7	....	....	....	....	....	....	1	5	8	....	....	2
	F. 17	13	....	....	....	....	....	....	....	....	....	2	....	....	2
119.	Diarrhoea and enteritis	M. 60	60	....	....	....	....	....	....	....	....	....	....	....	....
	(under 2 years of age)	F. 45	45	....	....	....	....	....	....	....	....	....	....	....	....
120.	Diarrhoea and enteritis (2 years	M. 16	9	....	1	1	....	....	....	....	2	1	....	....	2
	and over)	F. 13	7	1	1	....	....	....	....	....	....	2	....	....	2
	(a) Diarrhoea and enteritis	M. 13	7	....	1	....	....	....	....	....	2	1	....	....	2
	F. 12	7	....	1	....	....	....	....	....	....	....	2	....	....	2
	(b) Ulceration of the intestines.....	M. 3	2	....	....	1	....	....	....	....	....	....	....	....	....
	F. 1	....	1	....	....	....	....	....	....	....	....	....	....	....	....
121.	Appendicitis	M. 100	32	20	11	2	1	....	....	2	14	14	2	....	2
	F. 67	31	12	1	....	....	....	....	....	2	8	6	3	....	4
122.	Hernia, intestinal obstruction.....	M. 44	7	1	1	4	1	....	....	2	13	6	....	....	9
	F. 28	3	1	....	....	....	1	....	....	4	11	5	....	....	3
	(a) Hernia	M. 26	1	....	1	2	....	....	....	2	10	3	....	....	7
	F. 10	....	....	....	....	....	1	....	....	1	6	2	....	....	....
	(b) Intestinal obstruction	M. 18	6	1	....	2	1	....	....	....	3	3	....	....	2
	F. 18	3	1	....	....	....	....	....	....	3	5	3	....	....	3
123.	Other diseases of the intestines.....	M. 6	1	....	1	....	....	....	....	....	1	1	2	....	....
	F. 2	....	....	....	....	....	....	....	....	1	....	1	....	....	....
124.	Cirrhosis of the liver	M. 5	....	....	....	....	....	....	....	....	2	2	....	....	1
	F. 8	....	....	....	....	....	....	....	....	1	2	1	....	....	4
	(b) Not specified as alcoholic.....	M. 5	....	....	....	....	....	....	....	....	2	2	....	....	1
	F. 8	....	....	....	....	....	....	....	....	1	2	1	....	....	4
125.	Other diseases of the liver.....	M. 2	....	....	....	....	....	....	....	1	1	....	....	....	....
	F. 6	1	....	....	....	....	....	....	....	1	....	....	....	....	4
	(a) Yellow atrophy of the liver.....	M. 1	....	....	....	....	....	....	....	1	....	....	....	....	2
	F. 2	....	....	....	....	....	....	....	....	....	....	....	....	....	....
	(b) Other diseases of the liver.....	M. 1	....	....	....	....	....	....	....	....	1	....	....	....	....
	F. 4	1	....	....	....	....	....	....	....	1	....	....	....	....	2
126.	Biliary calculi	M. 8	....	....	....	....	....	....	....	....	4	3	....	....	1
	F. 17	....	....	1	....	....	....	....	....	6	5	1	....	....	4
127.	Other diseases of the gall- M. 14	....	....	1	....	1	....	....	....	1	9	1	....	....	1
	bladder and biliary passages.....	F. 14	....	....	....	1	....	....	....	2	3	5	....	....	3
128.	Diseases of the pancreas	M. 2	....	....	....	....	....	....	....	1	1	....	....	....	....
	F. 3	....	....	....	....	....	....	....	....	1	1	1	....	....	....
129.	Peritonitis, cause not specified.....	M. 5	1	1	....	....	....	....	....	....	2	....	....	....	1
	F. 5	2	1	....	....	....	....	....	....	....	2	....	....	....	....
	Class X—Diseases of the	Total 347	8	11	5	12	6	....	....	4	34	81	87	....	99
	genito-urinary system	M. 208	3	8	4	10	6	....	....	....	15	44	67	....	51
	F. 139	5	3	1	2	....	....	....	....	4	19	37	20	....	48
130.	Acute nephritis (including un- M. 10	....	2	2	1	....	....	....	....	....	1	....	1	....	3
	specified, under 10 years of age).....	F. 10	3	....	....	....	....	....	....	2	2	1	....	....	2
131.	Chronic nephritis	M. 118	....	3	3	9	4	....	....	....	10	31	31	....	27
	F. 96	2	2	1	2	....	....	....	....	9	27	15	....	....	38
132.	Nephritis not specified (10 M. 12	....	....	....	....	....	....	....	....	....	3	5	....	....	4
	years and over)	F. 11	....	....	....	....	....	....	....	....	5	1	....	....	5
133.	Other diseases of the kidneys M. 9	....	....	3	....	....	....	....	....	....	2	2	....	....	2
	and ureters	F. 7	....	....	....	....	....	....	....	....	2	2	....	....	3
134.	Calculi of the urinary passages.....	M. 3	....	....	....	....	1	....	....	....	1	1	....	....	....
	F. 2	....	....	....	....	....	....	....	....	....	....	3	....	....	....
135.	Diseases of the bladder	M. 4	1	....	....	....	....	....	....	....	....	....	....	....	....
	(tumors excepted)	F. 1	....	....	....	....	....	....	....	1	....	....	....	....	....
136.	Diseases of the urethra, urinary														
	abscess, etc.	M. 2	....	....	....	....	....	....	....	....	2	....	....	....	....
	(a) Stricture of the urethra	M. 1	....	....	....	....	....	....	....	....	1	....	....	....	....
	(b) Others under this title	M. 1	....	....	....	....	....	....	....	....	1	....	....	....	....
137.	Diseases of the prostate	M. 48	....	....	....	1	1	....	....	....	....	6	25	....	15
138.	Diseases of the male genital organs														
	(not specified as venereal)	M. 2	....	....	....	....	....	....	....	....	....	1	1	....	....
139.	Diseases of the female genital organs														
	(not specified as venereal)	F. 12	....	1	....	....	....	....	....	2	7	2	....	....	....
	(a) Of the ovary, Fallopian tube														
	and parametrium	F. 9	....	1	....	....	....	....	....	2	6	....	....	....	....
	(b) Of the uterus	F. 3	....	....	....	....	....	....	....	....	1	2	....	....	....

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months												
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	Int. list No.
		United States	Other														
8	1	1	1	....	1	1	1	1	....	....	1	....	1	3	2	....	115 <i>b</i>
4	....	1	1	....	....	2	....	....	....	2	1	....	....	....	....	1	115 <i>c</i>
4	....	....	4	....	....	....	1	....	1	....	1	3	1	....	1	....	115 <i>c</i>
4	1	....	....	....	....	....	....	....	....	1	1	....	3	....	....	....	116
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	116
....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	117
10	12	3	15	....	3	3	4	2	6	4	3	4	4	2	2	3	117
6	1	2	4	....	....	2	2	1	2	....	3	....	2	....	1	....	117 <i>a</i>
5	8	....	8	....	1	3	2	....	2	4	1	3	1	2	1	1	117 <i>a</i>
5	....	1	4	....	....	2	2	1	2	....	1	....	1	....	1	....	117 <i>b</i>
5	4	3	7	....	2	....	2	2	4	....	2	1	3	....	1	2	117 <i>b</i>
1	1	1	....	....	....	....	....	....	....	....	2	....	1	....	....	....	118
14	2	2	4	1	....	2	1	1	....	3	3	....	3	2	4	4	118
13	....	3	1	....	1	3	1	....	1	....	2	1	3	3	....	2	119
60	....	....	....	....	3	5	6	6	2	8	7	5	4	6	2	6	119
45	....	....	....	....	3	....	2	2	....	4	9	10	8	4	2	1	120
11	3	1	1	....	2	1	2	1	....	....	....	2	4	1	1	2	120
8	1	2	2	....	1	1	1	....	....	....	1	4	2	3	....	....	120 <i>a</i>
8	3	1	1	....	1	1	1	1	....	....	....	2	4	....	1	2	120 <i>a</i>
7	1	2	2	....	1	1	1	....	....	....	....	4	2	3	....	....	120 <i>b</i>
3	....	....	....	....	1	....	1	....	....	....	....	....	....	1	....	....	120 <i>b</i>
1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	121
67	12	8	13	....	8	8	8	16	10	14	4	8	8	7	10	5	121
48	8	7	3	1	12	5	8	2	2	4	8	7	5	5	4	5	122
17	11	3	12	1	2	3	6	3	3	1	3	6	6	3	4	4	122
11	3	5	9	....	3	1	2	3	2	3	2	2	3	4	2	1	122 <i>a</i>
6	9	2	9	....	2	1	3	2	1	1	2	4	4	2	1	3	122 <i>a</i>
3	....	1	6	....	2	....	1	2	1	1	....	1	1	1	....	....	122 <i>b</i>
11	2	1	3	1	....	2	3	1	2	....	1	2	2	1	3	1	122 <i>b</i>
8	3	4	3	....	1	1	1	1	1	2	2	1	2	3	2	1	123
2	1	....	3	....	....	....	1	2	....	....	2	....	....	1	....	....	123
....	1	....	1	....	....	....	....	....	1	1	....	....	....	....	....	....	124
1	3	....	1	....	....	....	....	1	2	....	....	....	2	....	....	....	124
3	1	1	2	1	2	1	1	....	....	....	....	....	2	1	1	....	124 <i>b</i>
1	3	....	1	....	....	....	....	1	2	....	....	....	2	....	....	....	124 <i>b</i>
3	1	1	2	1	2	1	1	....	....	....	....	....	2	1	1	....	125
....	....	....	2	....	2	....	....	....	....	....	....	....	....	....	....	....	125
2	2	....	2	....	1	1	1	2	....	....	1	....	....	....	....	....	125 <i>a</i>
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	125 <i>a</i>
1	....	....	1	....	1	....	....	1	....	....	....	....	....	....	....	....	125 <i>b</i>
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	125 <i>b</i>
1	2	....	1	....	....	1	1	1	....	....	1	....	....	....	....	....	126
2	3	1	2	....	1	....	1	1	....	1	....	2	2	....	....	....	126
8	1	1	6	1	1	1	2	....	3	2	1	....	1	2	2	2	127
9	1	1	2	1	1	1	2	1	....	1	....	1	....	1	1	6	127
4	6	1	3	....	....	4	1	2	....	....	....	1	2	2	....	2	128
....	1	....	1	....	....	....	....	....	....	1	....	....	....	....	....	1	128
1	....	....	2	....	....	....	....	1	....	1	....	....	....	....	....	1	129
2	1	....	2	....	....	....	1	1	....	2	1	....	....	....	....	....	129
4	....	....	1	....	....	....	2	....	....	1	....	....	....	....	....	2	130
138	72	40	96	1	23	28	33	30	38	24	22	30	39	30	24	26	130
79	50	22	56	1	10	19	18	21	26	17	14	18	22	16	9	18	131
59	22	18	40	....	13	9	15	9	12	7	8	12	17	14	15	8	131
6	2	....	2	....	....	1	....	....	1	....	2	2	1	1	1	1	132
6	1	....	3	....	1	1	2	....	1	....	....	1	1	1	1	1	132
38	33	16	30	1	5	13	15	10	15	10	7	7	13	7	4	12	131
41	14	11	30	....	11	8	11	5	6	6	6	9	13	7	10	4	132
8	2	2	....	....	1	....	2	1	2	....	1	....	1	1	1	2	132
3	3	4	1	....	....	....	1	....	3	1	1	....	....	2	2	1	133
4	1	1	3	....	....	1	....	1	....	1	1	1	2	1	....	1	133
1	2	1	3	....	....	....	1	4	....	....	....	....	....	....	2	....	134
2	....	....	1	....	....	....	....	1	2	....	....	....	....	....	....	....	134
1	....	1	....	....	....	....	....	....	1	....	....	....	1	....	....	....	135
3	....	....	1	....	....	....	....	1	....	1	....	1	1	....	....	....	135
1	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	136
1	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	1	136 <i>a</i>
....	....	....	1	....	1	....	....	....	....	....	....	....	....	....	....	....	136 <i>b</i>
17	11	3	17	....	3	4	1	7	6	5	3	7	4	4	3	1	137
....	1	....	1	....	....	....	....	....	....	....	....	....	....	2	....	....	138
6	2	1	3	....	1	....	....	....	....	....	1	2	2	4	....	2	139
4	1	1	3	....	1	....	....	....	....	....	....	1	2	4	....	1	139 <i>a</i>
2	1	....	....	....	....	....	....	....	....	....	1	1	....	....	....	1	139 <i>b</i>

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL.

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition											Wid- owed
			Under 15 years	Single					Married					
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	
	Class XI—Diseases of pregnancy, childbirth and the puerperal state .....Total	92	....	2	....	....	....	....	12	74	3	....	....	1
140.	Abortion with septic conditions.....F.	10	....	1	....	....	....	....	1	8	....	....	....	....
	(a) Abortion .....F.	8	....	1	....	....	....	....	1	6	....	....	....	....
	(b) Self-induced abortion .....F.	2	....	....	....	....	....	....	....	2	....	....	....	....
141.	Abortion without mention of septic conditions (haemorrhage included).....F.	3	....	....	....	....	....	....	....	3	....	....	....	....
	(a) Abortion .....F.	1	....	....	....	....	....	....	....	1	....	....	....	....
	(b) Self-induced abortion.....F.	2	....	....	....	....	....	....	....	2	....	....	....	....
142.	Ectopic gestation .....F.	3	....	....	....	....	....	....	1	2	....	....	....	....
	(b) Without mention of septic conditions .....F.	3	....	....	....	....	....	....	1	2	....	....	....	....
143.	Other accidents of pregnancy (haemorrhage excluded) .....F.	1	....	....	....	....	....	....	....	1	....	....	....	....
144.	Puerperal haemorrhage .....F.	17	....	....	....	....	....	....	2	15	....	....	....	....
	(a) Placenta praevia .....F.	1	....	....	....	....	....	....	....	1	....	....	....	....
	(b) Other haemorrhage .....F.	16	....	....	....	....	....	....	2	14	....	....	....	....
145.	Puerperal septicaemia (not specified as consequent upon abortion).....F.	16	....	1	....	....	....	....	....	13	1	....	....	1
	(a) Puerperal septicaemia or pyemia .....F.	16	....	1	....	....	....	....	....	13	1	....	....	1
146.	Puerperal albuminuria and eclampsia .....F.	14	....	....	....	....	....	....	6	7	1	....	....	....
147.	Other toxæmias of pregnancy.....F.	2	....	....	....	....	....	....	....	2	....	....	....	....
148.	Puerperal phlegmasia alba dolens, embolism or sudden death (not specified as septic) .....F.	10	....	....	....	....	....	....	....	10	....	....	....	....
	(a) Phlegmasia alba dolens and thrombosis .....F.	2	....	....	....	....	....	....	....	2	....	....	....	....
	(b) Embolism .....F.	8	....	....	....	....	....	....	....	8	....	....	....	....
149.	Other accidents of childbirth .....F.	16	....	....	....	....	....	....	2	13	1	....	....	....
	(a) Caesarean section .....F.	3	....	....	....	....	....	....	....	3	....	....	....	....
	(b) Dystocia .....F.	1	....	....	....	....	....	....	....	1	....	....	....	....
	(c) Other surgical operations and instrumental delivery .....F.	4	....	....	....	....	....	....	1	3	....	....	....	....
	(d) Rupture of uterus in parturition .....F.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(e) Other accidents of labor .....F.	7	....	....	....	....	....	....	1	6	....	....	....	....
	Class XII—Diseases of the Total	16	10	1	....	1	....	....	....	2	2	....	....	....
	skin and cellular tissue .....M.	13	8	1	....	1	....	....	....	1	2	....	....	....
	.....F.	3	2	....	....	....	....	....	....	1	....	....	....	....
151.	Carbuncle .....M.	3	2	....	....	1	....	....	....	....	....	....	....	....
	.....F.	1	....	....	....	....	....	....	....	1	....	....	....	....
152.	Cellulitis, acute abscess .....M.	7	3	1	....	....	....	....	....	1	2	....	....	....
	.....F.	1	1	....	....	....	....	....	....	....	....	....	....	....
153.	Other diseases of the skin and M.	3	3	....	....	....	....	....	....	....	....	....	....	....
	annexa and of the cellular tissue.....F.	1	1	....	....	....	....	....	....	....	....	....	....	....
	Class XIII—Diseases of the Total	15	9	2	1	1	....	....	....	....	2	....	....	....
	bones and organs of M.	10	6	1	1	1	....	....	....	....	1	....	....	....
	locomotion .....F.	5	3	1	....	....	....	....	....	....	1	....	....	....
154.	Osteomyelitis .....M.	8	5	1	1	1	....	....	....	....	....	....	....	....
	.....F.	4	3	1	....	....	....	....	....	....	....	....	....	....
155.	Other diseases of the bones M.	1	....	....	....	....	....	....	....	....	1	....	....	....
	(tuberculosis excepted) .....F.	1	....	....	....	....	....	....	....	....	1	....	....	....
156.	Diseases of the joints and other organs of locomotion .....M.	1	1	....	....	....	....	....	....	....	....	....	....	....
	(a) Of the joints (tuberculosis and rheumatism excepted) .....M.	1	1	....	....	....	....	....	....	....	....	....	....	....
	Class XIV—Congenital Total	103	102	1	....	....	....	....	....	....	....	....	....	....
	malformations .....M.	60	59	1	....	....	....	....	....	....	....	....	....	....
	.....F.	43	43	....	....	....	....	....	....	....	....	....	....	....
157.	Congenital malformations (still- M.	60	59	1	....	....	....	....	....	....	....	....	....	....
	births excluded) .....F.	43	43	....	....	....	....	....	....	....	....	....	....	....
	(a) Congenital hydrocephalus .....M.	3	3	....	....	....	....	....	....	....	....	....	....	....
	.....F.	4	4	....	....	....	....	....	....	....	....	....	....	....
	(b) Spina bifida and mening- M.	8	7	1	....	....	....	....	....	....	....	....	....	....
	gocele .....F.	9	9	....	....	....	....	....	....	....	....	....	....	....
	(c) Congenital malformations of M.	29	29	....	....	....	....	....	....	....	....	....	....	....
	the heart .....F.	16	16	....	....	....	....	....	....	....	....	....	....	....
	(d) Monstrosities .....F.	1	1	....	....	....	....	....	....	....	....	....	....	....
	(e) Others under this title .....M.	20	20	....	....	....	....	....	....	....	....	....	....	....
	.....F.	13	13	....	....	....	....	....	....	....	....	....	....	....
	Class XV—Diseases of early Total	582	582	....	....	....	....	....	....	....	....	....	....	....
	infancy .....M.	333	333	....	....	....	....	....	....	....	....	....	....	....
	.....F.	249	249	....	....	....	....	....	....	....	....	....	....	....

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months													Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December		
		United States	Other															
45	7	18	22	....	2	9	6	11	9	10	3	7	8	9	8	10	140 140a 140b
4	1	1	4	....	....	2	....	....	2	....	1	1	1	1	....	2	
4	1	....	3	....	....	2	....	....	2	....	1	1	....	....	....	2	
....	....	1	1	....	....	....	....	....	....	....	....	....	1	1	....	....	140b
....	....	2	1	....	....	....	....	....	....	....	....	1	....	1	....	1	141
....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	1	141a
....	....	1	1	....	....	....	....	....	....	....	....	1	....	1	....	....	141b
1	1	1	....	....	....	....	....	....	1	....	....	1	....	1	....	....	142
1	1	1	....	....	....	....	....	....	1	....	....	1	....	1	....	....	142b
....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	143
10	....	2	5	....	1	1	2	5	....	3	....	2	2	....	1	....	144
....	....	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	144a
10	....	1	5	....	....	1	2	5	....	3	....	2	2	....	1	....	144b
7	....	3	6	....	1	....	....	3	2	1	....	1	1	2	2	3	145
7	....	3	6	....	1	....	....	3	2	1	....	1	1	2	2	3	145a
8	2	2	2	....	....	2	3	1	1	2	....	....	1	....	2	2	146
2	....	....	....	....	....	....	....	1	....	....	....	....	....	....	1	....	147
7	....	1	2	....	....	....	....	....	2	3	....	....	....	3	....	2	148
1	....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	1	148a
6	....	1	1	....	....	....	....	....	2	3	....	....	....	2	....	1	148b
6	2	6	2	....	....	4	1	1	1	1	2	1	2	1	2	....	149
1	1	1	....	....	....	1	....	....	....	1	1	....	....	....	....	....	149a
....	....	1	....	....	....	....	....	....	....	....	....	....	1	....	....	....	149b
2	1	....	1	....	....	1	1	....	....	....	....	1	....	1	....	....	149c
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	149d
3	....	3	1	....	....	2	....	....	1	....	1	....	1	....	2	....	149e
12	2	....	2	....	....	2	2	2	1	....	2	2	2	....	1	2	151
10	1	....	2	....	....	2	2	1	1	....	1	2	1	....	1	2	
2	1	....	....	....	....	....	....	1	....	....	1	....	1	....	....	....
2	1	....	....	....	....	....	1	....	....	....	....	1	1	....	....	....	151
....	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	152
5	....	....	2	....	....	1	1	....	1	....	1	1	....	....	1	1	
1	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
3	....	....	....	....	....	1	....	1	....	....	....	....	....	....	....	1	153
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	154
11	....	2	1	1	1	2	1	2	3	....	....	....	2	2	1	1	
7	....	1	1	1	1	1	....	1	3	....	....	....	2	2	....	....
4	....	1	....	....	....	1	1	1	....	....	....	....	....	....	1	1	155
6	....	1	....	1	1	1	....	....	3	....	....	....	1	2	....	....
4	....	....	....	....	....	1	1	....	....	....	....	....	....	....	1	1	
....	....	....	1	....	....	....	....	1	....	....	....	....	....	....	....	....	155
....	....	1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	156
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
102	....	....	1	....	12	12	7	10	7	4	8	14	7	7	6	9	156a
59	....	....	1	....	9	5	3	5	5	2	5	10	4	5	2	5	157
43	....	....	....	....	3	7	4	5	2	2	3	4	3	2	4	4	
59	....	....	1	....	9	5	3	5	5	2	5	10	4	5	2	5	
43	....	....	....	....	3	7	4	5	2	2	3	4	3	2	4	4	157a
3	....	....	....	....	2	....	1	....	....	....	....	....	....	....	....	....
4	....	....	....	....	....	....	1	....	....	1	....	....	....	1	1	....	
8	....	....	....	....	....	....	1	1	....	1	....	2	1	....	....	2	157b
9	....	....	....	....	1	2	1	2	....	....	....	....	....	....	1	2	157c
28	....	....	1	....	4	3	1	2	2	1	4	4	1	4	1	2	
16	....	....	....	....	....	3	1	2	1	1	2	2	2	1	....	1	
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	157d
20	....	....	....	....	3	2	....	2	3	....	1	4	2	1	1	1	157e
13	....	....	....	....	2	2	1	1	1	....	1	1	1	....	2	1	158
582	....	....	....	....	71	50	69	51	42	60	44	33	45	33	39	45	
333	....	....	....	....	41	35	41	21	21	31	24	18	29	21	20	28	
249	....	....	....	....	30	15	28	30	18	29	20	15	16	12	19	17	

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition										Wid- owed	
			Under 15 years	Single					Married					
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over		Age not stated
158.	Congenital debility	M. 56	56	...	...	...	...	...	...	...	...	...	...	...
	F. 40	40	...	...	...	...	...	...	...	...	...	...	...	...
159.	Premature birth	M. 175	175	...	...	...	...	...	...	...	...	...	...	...
	F. 139	139	...	...	...	...	...	...	...	...	...	...	...	...
160.	Injury at birth	M. 41	41	...	...	...	...	...	...	...	...	...	...	...
	F. 31	31	...	...	...	...	...	...	...	...	...	...	...	...
	(a) With record of caesarian operation	F. 1	1	...	...	...	...	...	...	...	...	...	...	...
	(b) Without record of caesarian operation	M. 41	41	...	...	...	...	...	...	...	...	...	...	...
	F. 30	30	...	...	...	...	...	...	...	...	...	...	...	...
161.	Other diseases peculiar to early infancy (under 3 months)	M. 61	61	...	...	...	...	...	...	...	...	...	...	...
	F. 39	39	...	...	...	...	...	...	...	...	...	...	...	...
	(a) Atelectasis	M. 9	9	...	...	...	...	...	...	...	...	...	...	...
	F. 6	6	...	...	...	...	...	...	...	...	...	...	...	...
	(b) Icterus of the new-born.....	M. 15	15	...	...	...	...	...	...	...	...	...	...	...
	F. 6	6	...	...	...	...	...	...	...	...	...	...	...	...
	(c) Others, including lack of care	M. 29	29	...	...	...	...	...	...	...	...	...	...	...
	F. 21	21	...	...	...	...	...	...	...	...	...	...	...	...
	(f) Unspecified causes (1)	M. 8	8	...	...	...	...	...	...	...	...	...	...	...
	F. 6	6	...	...	...	...	...	...	...	...	...	...	...	...
	(1) No doctor in attendance.													
	Class XVI—Senility	Total 149	...	...	...	...	13	...	...	...	...	48	...	88
	M. 73	73	...	...	...	...	12	...	...	...	...	30	...	31
	F. 76	76	...	...	...	...	1	...	...	...	...	18	...	57
162.	Senility	M. 73	...	...	...	...	12	...	...	...	...	30	...	31
	F. 76	76	...	...	...	...	1	...	...	...	...	18	...	57
	(a) With senile dementia	M. 13	...	...	...	...	5	...	...	...	...	4	...	4
	F. 5	5	...	...	...	...	...	...	...	...	...	...	...	5
	(b) Without senile dementia	M. 59	...	...	...	...	7	...	...	...	...	25	...	27
	(70 years and over)	F. 68	...	...	...	...	1	...	...	...	...	16	...	51
	(c) Premature senility (55 years but under 70 years)	M. 1	...	...	...	...	...	...	...	...	...	1	...	...
	F. 3	3	...	...	...	...	...	...	...	...	...	2	...	1
	Class XVII—Violent or accidental deaths	Total 459	119	51	45	15	9	6	8	68	83	25	...	30
	M. 354	354	83	45	45	14	8	6	8	48	65	17	...	15
	F. 105	105	36	6	...	1	1	...	...	20	18	8	...	15
163-171.	Suicides	M. 76	1	7	14	8	2	2	2	11	22	4	...	3
	F. 17	17	1	...	...	...	...	...	...	8	6	...	...	2
163.	Suicide by solid or liquid poisons or by absorption of corrosive substances	M. 17	...	2	2	1	...	1	...	2	5	2	...	2
	F. 10	10	1	...	...	...	...	...	...	6	3	...	...	...
164.	Suicide by poisonous gas.	M. 2	...	...	...	...	...	...	...	1	1	...	...	...
165.	Suicide by hanging or strangulation	M. 12	1	1	2	2	...	...	...	2	2	2	...	...
	F. 4	4	...	...	...	...	...	...	...	1	1	...	...	2
166.	Suicide by drowning	M. 6	...	...	1	1	1	...	...	...	3	...	...	...
	F. 2	2	...	...	...	...	...	...	...	1	1	...	...	...
167.	Suicide by firearms	M. 32	...	4	7	4	...	1	2	6	8	...	...	...
	F. 1	1	...	...	...	...	...	...	...	...	1	...	...	...
168.	Suicide by cutting or piercing instruments	M. 6	...	...	2	...	...	...	...	...	3	...	...	1
171.	Suicide by other means	M. 1	...	...	...	...	1	...	...	...	...	...	...	...
173-175.	Homicides	M. 13	...	...	4	1	1	...	...	5	...	1	...	1
	F. 1	1	...	...	...	...	...	...	...	...	1	...	...	...
173.	Homicide by firearms	M. 8	...	...	3	...	1	...	...	2	...	1	...	1
	F. 1	1	...	...	...	...	...	...	...	...	1	...	...	...
175.	Homicide by other means	M. 5	...	...	1	1	...	...	...	3	...	...	...	...
176-198.	Other violent deaths	M. 265	82	38	27	5	5	4	6	32	43	12	...	11
	F. 87	87	35	6	...	1	1	...	...	12	11	8	...	13
176.	Attack by venomous animals	M. 1	1	...	...	...	...	...	...	...	...	...	...	...
	F. 1	1	...	...	...	...	...	...	...	1	...	...	...	...
178.	Accidental absorption of toxic gases	M. 8	1	1	...	1	1	...	...	1	2	1	...	...
	F. 1	1	1	...	...	...	...	...	...	...	...	...	...	...
179.	Other acute accidental poisonings (except by gas)	M. 10	3	1	...	...	1	...	1	2	1	1	...	1
	F. 1	1	...	...	...	...	...	...	...	...	...	...	...	...
180.	Conflagration	M. 10	4	...	1	1	...	...	...	1	2	...	...	1
	F. 11	11	7	3	...	...	...	...	...	...	1	...	...	...
181.	Accidental burns (conflagration excepted)	M. 11	8	1	1	...	...	...	...	...	1	...	...	...
	F. 17	17	9	1	...	...	1	...	...	1	2	...	...	3
182.	Accidental mechanical suffocation	M. 14	11	...	...	...	...	...	...	1	2	...	...	...
	F. 5	5	5	...	...	...	...	...	...	...	...	...	...	...
183.	Accidental drowning	M. 49	20	14	4	1	...	3	...	5	2	...	...	...
	F. 10	10	4	2	...	...	...	...	...	3	...	1	...	...
184.	Accidental injury by firearms	M. 12	2	3	2	...	...	...	...	3	1	...	...	1
185.	Accidental injury by cutting or piercing instruments	M. 10	1	1	...	...	...	...	2	3	3	...	...	...
	F. 2	2	1	...	...	...	...	...	...	1	...	...	...	...

CONDITION, NATIVITY AND MONTH OF DEATH, 1933.

Nativity					Months													
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	Int. list No.	
		United States	Other															
56	....	....	....	....	5	5	6	5	3	10	4	3	5	5	1	1	158
40	....	....	....	....	4	2	6	2	4	7	3	3	2	3	2	2	
175	....	....	....	....	25	20	23	11	13	13	14	11	12	10	10	13	159
139	....	....	....	....	17	7	14	18	10	16	16	8	7	5	10	11	
41	....	....	....	....	3	1	7	3	2	4	1	1	7	1	1	7	160
31	....	....	....	....	5	4	2	5	2	2	....	2	3	3	2	1	
1	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	160a
41	....	....	....	....	3	4	7	3	2	4	1	1	7	1	1	7	160b
30	....	....	....	....	5	3	2	5	2	2	....	2	3	3	2	1	
61	....	....	....	....	8	6	5	2	6	4	5	3	5	5	8	4	161
39	....	....	....	....	4	2	6	5	2	4	1	2	4	1	5	3	
9	....	....	....	....	2	1	....	....	1	....	....	....	1	2	1	1	161a
6	....	....	....	....	....	....	2	1	....	....	....	....	2	....	....	1	
15	....	....	....	....	3	....	2	2	1	....	2	....	....	2	3	....	161b
6	....	....	....	....	....	....	1	....	....	1	1	1	....	1	....	1	
29	....	....	....	....	3	5	3	....	2	3	1	2	2	1	4	3	161c
21	....	....	....	....	4	2	3	4	1	1	....	1	1	....	4	....	
8	....	....	....	....	....	....	....	....	2	1	2	1	2	....	....	....	161f
6	....	....	....	....	....	....	....	....	1	2	....	....	1	....	1	1	
56	28	4	60	1	20	18	13	19	13	10	8	8	11	10	6	13		
28	10	3	31	1	12	10	7	9	6	6	4	2	3	5	2	7		
28	18	1	29	....	8	8	6	10	7	4	4	6	8	5	4	6	
28	10	3	31	1	12	10	7	9	6	6	4	2	3	5	2	7	162	
28	18	1	29	....	8	8	6	10	7	4	4	6	8	5	4	6	
7	2	2	2	....	3	3	....	....	....	....	2	....	1	2	....	2	162a
3	2	....	....	....	2	1	1	....	....	....	....	....	....	....	1	....	
20	8	1	29	1	9	7	6	9	6	6	2	2	2	3	2	5	162b	
25	16	1	26	....	6	7	5	10	7	4	4	5	7	4	3	6	
1	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	162c
....	....	....	3	....	....	....	....	....	....	....	....	1	1	1	....	....
260	53	42	94	10	28	44	30	48	40	56	44	60	25	32	27	25		
196	35	35	78	10	20	31	26	38	26	52	37	43	20	23	21	17		
64	18	7	16	....	8	13	4	10	14	4	7	17	5	9	6	8	
26	15	13	21	1	8	7	5	7	9	9	7	7	3	4	5	5	163-171	
6	5	3	3	....	....	1	....	2	4	1	2	3	....	2	1	1	
6	3	....	7	1	1	1	1	....	1	3	2	3	1	2	....	2	163
4	3	2	1	....	....	1	....	1	4	....	1	....	....	1	1	1	
1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	1	1	164
3	1	2	6	....	1	1	3	....	2	1	1	1	....	1	1	....	165
1	1	....	2	....	....	....	....	....	....	....	....	3	....	1	....	....
....	4	1	1	....	....	....	....	1	....	1	1	1	1	1	....	....	166
1	1	....	....	....	....	....	....	1	....	....	1	....	....	....	....	....
12	6	7	7	....	5	4	1	5	4	4	2	2	1	....	2	2	167
....	....	1	....	....	....	....	....	....	....	1	....	....	....	....	....	....
3	1	2	....	....	....	1	....	1	2	....	1	....	....	....	1	....	168
1	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	171
5	....	2	5	1	....	2	1	....	3	4	....	1	....	....	2	....	173-175
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	
2	....	2	4	....	....	2	....	....	1	2	....	1	....	....	2	....	173
....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	1	....	
3	....	....	1	1	....	....	1	....	2	2	....	....	....	....	....	....	175
165	20	20	52	8	12	22	20	31	14	39	30	35	17	19	14	12	176-198	
58	13	4	12	....	8	12	4	8	10	3	5	14	5	7	4	7	
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	176
1	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....
3	1	1	2	1	1	....	....	1	1	....	1	....	1	....	1	2	178
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
7	....	....	3	....	....	1	1	....	2	1	3	....	1	....	....	1	179
1	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....
4	2	2	2	....	....	2	1	2	1	....	2	....	....	....	1	1	180
11	....	....	....	....	....	6	1	1	....	....	1	2	....	....	....	....
10	....	1	....	....	2	1	....	3	....	1	1	2	....	....	1	....	181
11	2	....	1	....	3	1	1	3	2	....	....	3	1	....	....	3	
13	....	1	....	....	1	2	3	3	....	1	....	2	....	....	1	1	182
5	....	....	....	....	....	3	1	....	....	....	....	1	....	....	....	....
39	2	1	4	3	2	....	....	7	4	12	7	12	2	2	1	....	183
7	....	2	1	....	....	....	1	2	1	1	2	2	....	1	....	....
7	2	....	2	1	1	1	1	1	1	2	1	1	....	2	1	....	184
3	1	1	5	....	....	2	2	1	1	1	1	....	....	1	1	....	185
1	....	....	1	....	....	....	....	....	....	....	....	1	....	1	....	....

TABLE CX—CAUSES OF DEATH FOR EACH SEX BY CONJUGAL

Int. List No.	CAUSES OF DEATH	Total	Conjugal Condition										Wid- owed	
			Under 15 years	Single					Married					
				15 to 24 years	25 to 44 years	45 to 64 years	65 years and over	Age not stated	15 to 24 years	25 to 44 years	45 to 64 years	65 years and over		Age not stated
186.	Accidental injuries resulting from falling, crushing or landslide	M. F.	107 33	21 4	15	15 1	1	1	2	12 6	21 8	9 7	.... ....	9 7
188.	Injuries inflicted by animals	M. F.	13 3	5 3	1	2 ....	.... ....	.... ....	.... ....	.... ....	4	1....	........	........
189.	Hunger or thirst	M.	2	1	....	....	....	....	1	....	....	....	....	....
190.	Excessive cold	M.	6	1	1	....	2	....	....	....	2	....	....	....
191.	Excessive heat	M.	2	1	....	....	....	....	....	....	1	....	....	....
192.	Lightning	M.	5	1	....	1	1	....	....	1	1	....	....	....
194.	Other accidents	M. F.	5 3	1 1	.... ....	1 ....	.... ....	.... ....	.... ....	3 ....	.... ....	.... ....	.... ....	.... 2
	(a) Foreign body	F.	1	....	....	....	....	....	....	....	....	....	....	1
	(b) Others under this title	M. F.	5 2	1 1	.... ....	1 ....	.... ....	.... ....	.... ....	3 ....	.... ....	.... ....	.... ....	.... 1
195.	Violent deaths of which the nature (accident, suicide, homicide) is unknown	M. F.	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....
198.	Capital punishment	M. F.	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....	.... ....
	Class XVIII—Ill-defined causes of death	Total M. F.	73 53 20	33 21 12	2 2	3 2 1	2 2	4 4	2 2	2 2	3 3	14 12 2	1 1	7 4 3
199.	Sudden death	M. F.	22 3	2 ....	.... ....	1 ....	.... ....	4 ....	.... ....	1	2	9 ....	.... ....	3 3
200.	Cause of death not specified or ill-defined	M. F.	31 17	19 12	2	1 1	2 ....	.... ....	.... 2	1	1	3 2	1	1

SPECIAL CLASSES OF ACCIDENTAL DEATHS (INCLUDED ALSO

A.	Accidents in mines and quarries	M.	5	....	2	3	....	....	....	....	....	....	....	....
B.	Accidents caused by machines	M. F.	27 2	1 1	2	4	1 ....	.... ....	2	9 1	7	1....	........	........
C.	Railway accidents	M. F.	14 1	2	2	3 ....	.... ....	1	1 ....	.... 1	4	1....	........	........
E.	Automobile and motorcycle accidents	M. F.	22 10	5 1	7 1	2 ....	.... 1	.... ....	.... ....	2 2	2 4	2 ....	.... ....	2 1
F.	Other land transportation	M. F.	20 3	3 1	2	2 ....	.... ....	.... ....	1	3 2	7	1 ....	.... ....	1
G.	Water transportation	M.	3	....	1	....	....	....	....	1	1	....	....	....
H.	Air transportation	M.	3	....	....	1	....	....	....	1	....	....	....	1

Nativity					Months												Int. list No.
Canada	British	Foreign		Not stated	January	February	March	April	May	June	July	August	September	October	November	December	
		United States	Other														
61	10	8	25	3	4	12	9	9	2	16	9	15	9	12	5	5	186
14	9	1	9	4	2	2	6	1	2	3	1	4	4	4	188
6	1	1	5	1	2	1	1	2	1	2	1	1	1	189
2	1	1	1	1	190
2	1	1	191
5	1	1	2	1	1	1	192
1	1	1	1	194
1	3	1	2	2	1	194 ^a
2	1	2	1	1	1	1	1	194 ^b
1	2	1	1	1
....	1	1
2	1	2	1	1	1	1	1
1	1	1	1
....
....
....
49	7	2	13	2	9	6	6	9	5	4	3	10	4	4	8	5
34	7	1	9	2	6	4	6	8	2	4	3	8	2	2	4	4
15	1	4	3	2	1	3	2	2	2	4	1
10	5	1	5	1	3	2	3	3	3	5	1	2	199
....	1	2	1	2
24	2	4	1	3	4	4	5	2	1	3	2	2	3	2	200
15	2	3	2	1	2	2	2	2	2	1

2	3	1	3	1	
9	4	4	10	5	4	2	1	3	1	6	3	2
1	1	1	1
8	3	3	2	1	1	1	1	2	2	2	1	1
....	1	1
17	1	1	3	1	2	2	3	5	4	2	3
7	2	1	1	1	1	2	1	2	2
9	1	2	8	1	1	4	3	1	1	3	3	2	1
1	2	1	1	1
1	2	1	1	1
2	1	3

[illegible]

[illegible]

Class VI—Diseases of the nervous system and Total of the organs of special sense		375	45	10	1	2	...	9	6	6	10	15	4	8	9	31	16	24	26	37	41	40	17	16	1	1	...
78	Encephalitis (non-epidemic).....F.	209	23	8	...	2	...	5	5	5	5	9	2	4	5	19	8	15	17	22	21	18	8	7	1	1	...
	Encephalitis (non-epidemic).....M.	166	22	2	1	...	...	4	1	1	5	6	2	4	4	12	8	9	9	15	20	22	9	9	1	...	...
78	Encephalitis (non-epidemic).....F.	10	1	1	...	...	...	...	2	...	...	...	1	1	1	3	...	...	1	...	1	...	...	...	...	...	...
79	Simple meningitis.....M.	6	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
79	Simple meningitis.....F.	6	3	1	...	...	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
80	Progressive locomotor ataxia.....M.	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	Progressive locomotor ataxia.....F.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
81	Other diseases of the spinal cord.....M.	15	...	...	...	...	...	1	...	1	...	...	...	...	...	2	1	3	3	2	1	1	...	...	...	...	...
81	Other diseases of the spinal cord.....F.	8	...	...	...	...	...	...	1	...	...	...	...	1	...	1	...	1	...	1	2	...	1	...	...	...	...
82	Cerebral haemorrhage, cerebral embolism or thrombosis.....M.	82	...	...	...	...	...	...	...	...	1	...	...	1	1	4	1	6	8	14	16	15	7	7	1	...	...
82	Cerebral haemorrhage, cerebral embolism or thrombosis.....F.	88	...	...	...	...	...	...	...	...	...	...	1	1	2	6	5	4	5	12	15	19	8	9	1	...	...
82a	(a) Cerebral haemorrhage.....M.	71	...	...	...	...	...	...	...	...	...	...	1	1	1	4	1	6	7	12	14	14	4	6	1	...	...
82a	(a) Cerebral haemorrhage.....F.	71	...	...	...	...	...	...	...	...	...	...	1	1	2	6	5	3	4	11	11	15	6	6	...	...	...
82b	(b) Cerebral embolism or thrombosis.....M.	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
82b	(b) Cerebral embolism or thrombosis.....F.	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
82c	(c) Softening of the brain.....M.	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...
82c	(c) Softening of the brain.....F.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Hemiplegia and other paralysis, cause not specified.....M.	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	1	1	1	...	...
	Hemiplegia and other paralysis, cause not specified.....F.	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	3	4	1	3	1	...	...
83	General paralysis of the insane.....M.	5	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	...	1	...	...	...	...	...	...	...	...
83	General paralysis of the insane.....F.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84	Dementia praecox and other psychoses.....F.	27	...	...	...	...	...	...	...	...	1	2	1	1	1	8	1	3	3	3	2	2	1	...	...	...	...
84	Dementia praecox and other psychoses.....M.	12	...	...	...	...	...	...	...	...	1	2	1	1	1	3	2	1	1	...	...	...	...	...	...	...	...
84a	(a) Dementia praecox.....F.	10	...	...	...	...	...	...	...	...	1	1	1	1	1	4	1	1	1	...	...	...	...	...	...	...	...
84a	(a) Dementia praecox.....M.	10	...	...	...	...	...	...	...	...	1	2	1	1	1	3	1	1	1	...	...	...	...	...	...	...	...
84b	(b) Other psychoses.....M.	17	...	...	...	...	...	...	...	...	...	1	...	...	...	4	...	2	3	3	1	2	1	...	...	...	...
84b	(b) Other psychoses.....F.	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...
85	Epilepsy.....M.	18	1	...	...	1	...	1	1	1	1	5	...	...	1	...	...	1	1	1	1	...	...	...	...	...	...
85	Epilepsy.....F.	11	...	...	...	...	...	2	...	...	3	2	...	...	...	1	...	...	1	2	...	...	...	...	...	...	...
86	Convulsions (under 5 years of age).....M.	23	18	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86	Convulsions (under 5 years of age).....F.	17	15	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	Other diseases of the nervous system.....M.	16	...	...	...	...	...	1	1	1	1	2	...	1	...	1	3	2	...	2	1	...	...	...	...	...	...
87	Other diseases of the nervous system.....F.	10	2	...	1	...	...	1	...	...	...	...	...	...	...	1	1	1	1	...	2	...	...	...	...	...	...
87b	(b) Neuritis.....M.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...
87c	(c) Paralysis agitans.....M.	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...
87c	(c) Paralysis agitans.....F.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87d	(d) Disseminated sclerosis.....M.	6	...	...	...	...	...	...	...	...	...	1	...	1	...	...	2	1	1	1	...	2	...	...	...	...	...
87d	(d) Disseminated sclerosis.....F.	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
87e	(e) Others under this title.....M.	5	...	...	...	...	...	1	1	1	1	1	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...
87e	(e) Others under this title.....F.	6	2	...	1	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
88	Diseases of the organs of vision.....F.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
89	Diseases of the ear and mastoid process.....M.	6	...	1	...	1	...	...	1	1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...
89	Diseases of the ear and mastoid process.....F.	6	2	...	...	...	...	...	...	...	1	1	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
89a	(a) Otitis.....M.	2	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
89a	(a) Otitis.....F.	2	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

[illegible]

[illegible]

[illegible]

[illegible]

TABLE CXII—TOTAL DEATHS FROM ALL

List No.	Diseases	1924		1925		1926	
		No.	Rate	No.	Rate	No.	Rate
1-2	Typhoid and paratyphoid fever.....	37	4.5	39	4.7	30	3.7
6	Smallpox	4	0.5	....	....	1	0.1
7	Measles	49	6.0	15	1.8	118	14.4
8	Scarlet fever	37	4.5	23	2.8	23	2.8
9	Whooping cough	81	9.9	66	7.9	108	13.1
10	Diphtheria	210	25.8	127	15.2	116	14.1
11	Influenza	165	20.7	231	28.5	314	38.2
13	Dysentery	20	2.4	25	3.0	9	1.1
15	Erysipelas	17	2.1	13	1.6	24	2.9
16	Poliomyelitis and polioencephalitis (acute).....	13	1.6	19	2.3	6	0.7
17	Epidemic or lethargic encephalitis	17	2.1	17	2.0	11	1.3
18	Epidemic cerebrospinal meningitis	16	2.0	21	2.5	27	3.3
19	Glanders .....	....	....	....	....	....	....
20	Malignant pustules anthrax	1	0.1	....	....	....	....
21	Rabies .....	....	....	1	0.1	....	....
22	Tetanus	1	0.1	1	0.1	2	0.2
23-32	Tuberculosis	363	45.5	334	42.5	382	46.5
34	Syphilis	9	1.1	10	1.2	12	1.5
35	Gonococcus and other venereal diseases.....	1	0.1	2	0.2	....	....
36	Purulent infection, septicæmia (non-puerperal).....	24	2.9	29	3.5	23	2.8
38	Malaria .....	....	....	1	0.1	....	....
41	Hydatid cysts .....	....	....	....	....	....	....
43	Mycoses	2	0.2	3	0.4	....	....
44	Other infectious diseases.....	2	0.2	5	0.6	9	1.1
45-53	Cancer	349	43.8	353	43.6	387	47.1
54-55	Non-malignant tumors, nature not specified.....	23	2.6	8	1.0	18	2.2
56	Acute rheumatic fever	32	3.9	22	2.6	25	3.0
57	Chronic rheumatism, osteoarthritis.....	19	2.3	9	1.1	15	1.8
59	Diabetes melitus	46	5.6	46	5.5	66	8.4
60	Scurvy .....	....	....	....	....	1	0.1
62	Pellagra .....	....	....	....	....	2	0.2
63	Rickets	2	0.2	13	1.6	7	0.8
64	Osteomalacia .....	....	....	....	....	....	....
65	Diseases of the pituitary glands.....	....	....	1	0.1	....	....
66	Diseases of the thyroid and parathyroid glands.....	12	1.5	14	1.7	27	3.3
67	Diseases of the thymus	3	0.4	2	0.2	5	0.6
68	Diseases of the adrenals (Addison's disease).....	1	0.1	3	0.4	1	0.1
69	Other general diseases.....	21	2.6	12	1.5	12	1.5
70	Hæmorrhagic diatheses .....	....	....	....	....	....	....
71	Anæmia	48	5.9	36	4.3	51	6.2
72	Leukæmia and Aleukæmia (Hodgkin's disease).....	6	0.7	12	1.4	17	2.1
73	Diseases of the spleen	1	0.1	1	0.1	....	....
74	Other diseases of the blood and hæmatopoietic organs .....	....	....	....	....	....	....
75	Alcoholism	8	1.0	13	1.6	8	1.0
76	Chronic poisoning by other organic substances.....	....	....	1	0.1	....	....
77	Chronic poisoning by mineral substances.....	....	....	....	....	....	....
78	Encephalitis (non-epidemic)	7	0.9	7	0.8	15	1.8
79	Simple meningitis	24	2.9	29	3.5	24	2.9
80	Progressive locomotor ataxia	3	0.4	1	0.1	2	0.2
81	Other diseases of the spinal cord.....	21	2.6	15	1.8	19	2.3
82	Cerebral hæmorrhage, embolism or thrombosis.....	163	20.5	172	21.2	158	19.2
83	General paralysis of the insane.....	15	1.8	12	1.5	12	1.5
84	Dementia præcox and other psychoses.....	24	2.9	10	1.2	31	3.8
85	Epilepsy	26	3.2	26	3.1	24	2.9
86	Convulsions (under 5 years).....	86	10.6	107	12.8	91	11.1
87	Other diseases of the nervous system.....	26	3.3	25	3.1	22	2.7
88	Diseases of the organs of vision.....	2	0.2	1	0.1	....	....
89	Diseases of the ear and mastoid process.....	17	2.1	14	1.7	18	2.2
90-95	Diseases of the heart.....	372	46.4	405	50.0	498	60.7
96-99	Diseases of the arteries	138	17.3	157	19.4	168	20.4
100	Diseases of the veins	6	0.7	8	1.0	2	0.2
101	Diseases of the lymphatic system.....	8	1.0	1	0.1	1	0.1
102	Idiopathic abnormalities of the blood pressure.....	....	....	....	....	....	....
103	Other diseases of the circulatory system.....	....	....	1	0.1	....	....
104	Diseases of the nasal fossae and annexa.....	1	0.1	2	0.2	3	0.4
105	Diseases of the larynx	16	2.0	14	1.7	16	1.9
106	Bronchitis	51	6.3	24	2.9	41	5.0
107	Bronchopneumonia	280	34.4	271	32.5	282	34.3
108	Lobar pneumonia .....	....	....	....	....	....	....
109	Pneumonia not specified.....	277	34.0	231	27.7	293	35.7
110	Pleurisy	15	1.8	16	1.9	11	1.3
111	Congestion and hæmorrhagic infarct of the lung, etc.....	20	2.4	14	1.7	21	2.5
112	Asthma	25	3.1	31	3.7	24	2.9
113	Pulmonary emphysema	1	0.1	1	0.1	2	0.2
114	Other diseases of the respiratory system.....	13	1.6	6	0.7	4	0.5
115	Diseases of the buccal cavity and annexa and of the pharynx and tonsils (including adenoid vegetations)	34	4.3	21	2.6	29	3.5
116	Diseases of the oesophagus .....	....	....	2	0.2	2	0.2
117	Ulcer of the stomach or duodenum.....	33	4.0	26	3.1	27	3.3
118	Other diseases of the stomach.....	50	6.1	63	7.6	51	6.2
119	*Diarrhœa and enteritis (under 2 years of age).....	234	29.4	261	32.2	231	28.1

CAUSES AND RATES, PER 100,000, 1924-1933.

1927		1928		1929		1930		1931		1932		1933		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
21	2.5	21	2.5	23	2.7	29	3.3	25	2.7	24	2.6	19	2.0	1-2
1	0.1	1	0.1	3	0.3	---	---	---	---	1	0.1	1	0.1	6
12	1.4	21	2.5	28	3.2	8	0.9	17	1.8	17	1.8	5	0.5	7
28	3.3	22	2.6	43	5.0	10	1.1	15	1.6	6	0.6	12	1.3	8
46	5.5	47	5.5	58	6.7	54	6.1	54	6.6	40	4.3	34	3.6	9
63	7.5	82	9.6	92	10.6	69	7.8	39	4.2	40	4.3	18	1.9	10
340	40.7	356	41.8	439	50.7	158	17.9	251	27.2	261	28.0	318	33.4	11
3	0.4	3	0.4	8	0.9	28	3.1	19	2.1	21	2.2	12	1.3	13
18	2.2	15	1.8	30	3.5	18	2.0	17	1.8	15	1.6	9	0.9	15
8	1.0	11	1.3	20	2.3	31	2.4	11	1.2	6	0.6	8	0.8	16
16	1.9	12	1.4	15	1.7	5	0.6	5	0.5	10	1.1	4	0.4	17
23	2.8	21	2.5	29	3.3	25	2.4	13	1.4	12	1.3	7	0.7	18
---	---	---	---	---	---	---	---	---	---	2	0.2	---	---	19
---	---	---	---	---	---	---	---	---	---	---	---	---	---	20
---	---	---	---	---	---	---	---	---	---	---	---	---	---	21
---	---	2	0.2	---	---	3	0.3	---	---	2	0.2	1	0.1	22
391	46.8	378	44.4	377	43.5	407	46.1	326	35.4	281	30.1	297	31.2	23-32
22	2.6	16	1.9	11	1.4	17	1.9	12	1.3	17	1.8	10	1.1	34
1	0.1	1	0.1	1	0.1	---	---	---	---	1	0.1	1	0.1	35
24	2.9	30	3.5	27	3.1	19	2.2	8	0.9	19	2.0	14	1.5	36
---	---	1	0.1	---	---	---	---	---	---	---	---	---	---	38
---	---	---	---	---	---	---	---	---	---	---	---	2	0.2	41
---	---	4	0.5	---	---	3	0.3	3	0.3	2	0.2	1	0.1	43
4	0.5	4	0.5	4	0.5	3	0.3	5	0.5	6	0.6	3	0.3	44
445	53.2	470	55.2	511	59.0	180	54.1	585	63.5	568	60.9	593	62.4	45-53
21	2.5	9	9.4	25	2.9	19	2.2	31	3.4	33	3.5	38	4.0	54-55
26	3.1	30	3.5	30	3.5	26	2.9	32	3.5	20	2.1	26	2.7	56
9	1.1	8	1.0	7	0.8	3	0.3	10	1.1	17	1.8	7	0.7	57
63	7.5	59	7.0	77	8.9	67	7.6	85	9.2	94	10.4	81	8.5	59
1	0.1	---	---	---	---	---	---	---	---	1	0.1	---	---	60
---	---	---	---	---	---	---	---	2	0.2	---	---	---	---	62
10	1.2	13	1.5	15	1.7	12	1.4	8	0.9	6	0.6	6	0.6	63
---	---	---	---	---	---	---	---	1	0.1	---	---	1	0.1	64
---	---	1	0.1	---	---	1	0.1	1	0.1	1	0.1	2	0.2	65
20	2.4	25	2.9	25	2.9	17	1.9	19	2.1	25	2.7	22	2.3	66
6	0.7	7	0.8	16	1.8	7	0.8	5	0.5	10	1.1	8	0.8	67
3	0.4	5	0.6	3	0.3	3	0.3	2	0.2	2	0.2	2	0.2	68
14	1.7	13	1.5	11	1.3	13	1.5	4	0.4	8	0.9	10	1.1	69
---	---	---	---	---	---	---	---	7	0.8	2	0.2	6	0.6	70
42	5.0	29	3.4	33	3.8	32	3.6	31	3.4	32	3.4	32	3.4	71
18	2.2	18	2.1	16	1.8	25	2.8	17	1.8	26	2.8	22	2.3	72
2	0.2	1	0.1	1	0.1	---	---	5	0.5	---	---	---	---	73
---	---	---	---	---	---	---	---	---	---	---	---	1	0.1	74
15	1.8	14	1.6	14	1.6	15	1.7	8	0.9	3	0.3	3	0.3	75
1	0.1	---	---	1	0.1	---	---	1	0.1	---	---	---	---	76
---	---	1	0.1	1	0.1	1	0.1	---	---	---	---	---	---	77
13	1.6	10	1.2	15	1.7	11	1.2	3	0.3	6	0.6	16	1.7	78
31	3.7	27	3.2	28	3.2	15	1.7	15	1.6	14	1.5	11	1.2	79
3	0.4	2	0.2	2	0.2	2	0.2	3	0.3	2	0.2	2	0.2	80
22	2.6	24	2.8	22	2.5	16	1.8	13	1.4	13	1.4	23	2.4	81
169	20.2	176	20.6	170	19.6	157	17.8	142	15.4	157	16.8	170	17.9	82
11	1.3	13	1.5	7	0.8	3	0.3	8	0.9	7	0.8	6	0.6	83
34	4.1	39	3.5	23	2.7	30	3.4	26	2.8	27	2.9	39	4.1	84
35	4.2	25	2.9	21	2.4	23	2.6	33	3.6	24	2.6	29	3.0	85
78	9.3	39	4.6	61	7.0	52	5.9	48	5.2	44	4.7	40	4.2	86
27	3.2	37	4.4	35	4.0	30	3.4	24	2.6	25	2.7	26	2.7	87
2	0.2	2	0.2	1	0.1	1	0.1	1	0.1	1	0.1	1	0.1	88
27	3.2	7	0.8	17	2.1	20	2.3	12	1.3	25	2.7	12	1.3	89
569	68.1	571	67.1	638	73.6	651	73.8	656	80.3	718	77.0	771	81.1	90-95
181	21.6	218	25.6	259	29.8	283	32.1	205	22.2	176	18.9	211	22.2	96-99
5	0.6	11	1.3	5	0.6	3	0.3	5	0.5	4	0.4	3	0.3	100
3	0.4	2	0.2	3	0.3	1	0.1	2	0.2	2	0.2	3	0.3	101
---	---	---	---	---	---	---	---	53	5.7	71	7.6	60	6.3	102
---	---	1	0.1	---	---	2	0.2	4	0.4	3	0.3	1	0.1	103
2	0.2	5	0.6	3	0.5	6	0.7	6	0.7	4	0.4	6	0.6	104
11	1.3	12	1.4	13	1.5	9	1.0	4	0.4	9	1.0	8	0.8	105
32	3.8	34	4.0	27	3.1	32	3.6	44	4.8	45	4.9	31	3.3	106
235	28.1	214	25.1	232	26.8	179	20.1	238	25.8	170	18.2	209	22.0	107
---	---	---	---	---	---	---	---	166	18.0	142	15.2	127	13.4	108
268	30.9	321	37.7	340	39.2	264	29.9	94	10.2	68	7.3	72	7.6	109
16	1.9	20	2.4	27	3.1	19	2.2	16	1.7	21	2.2	12	1.3	110
7	0.8	6	0.7	13	1.5	9	1.0	17	1.8	13	1.4	16	1.7	111
19	2.3	18	2.1	22	2.5	17	1.9	14	1.5	16	1.7	30	3.2	112
---	---	1	0.1	2	0.2	---	---	4	0.4	2	0.2	---	---	113
8	1.0	18	2.1	14	1.6	15	1.7	11	1.2	8	0.9	13	1.4	114
39	3.6	26	3.1	56	6.5	26	2.9	40	4.3	26	2.8	39	4.1	115
1	0.1	---	---	---	---	1	0.1	---	---	---	---	2	0.2	116
31	3.7	33	3.9	36	4.2	34	3.8	45	4.9	51	5.5	53	5.6	117
51	6.5	49	5.8	49	5.7	43	4.9	31	3.4	41	4.4	40	4.2	118
208	24.9	180	21.2	192	22.2	352	39.9	197	21.4	191	20.5	105	11.0	119

TABLE CXII—TOTAL DEATHS FROM ALL CAUSES

List No.	Diseases	1924		1925		1926	
		No.	Rate	No.	Rate	No.	Rate
120	Diarrhoea and enteritis and ulceration of the intestines (2 years and over) .....	.....	.....	.....	.....	.....	.....
121	Appendicitis	127	15.6	143	17.2	140	17.1
122	Hernia, intestinal obstruction.....	82	10.1	73	8.8	54	6.6
123	Other diseases of the intestines.....	15	1.9	13	1.6	13	1.6
124	Cirrhosis of the liver.....	12	1.5	21	2.5	16	1.9
125	Other diseases of the liver.....	32	4.0	21	2.6	27	3.3
126	Biliary calculi	21	2.6	15	1.8	13	1.6
127	Other diseases of the gall bladder and biliary passages.....	.....	.....	.....	.....	.....	.....
128	Diseases of the pancreas.....	5	0.6	2	0.2	3	0.4
129	Peritonitis (cause not specified).....	14	1.7	10	1.2	11	1.3
130	Acute nephritis	39	4.9	29	3.5	16	1.9
131	Chronic nephritis	153	18.8	171	20.5	173	21.1
132	Nephritis not specified.....	.....	.....	.....	.....	.....	.....
133	Other diseases of the kidneys and annexa.....	21	2.6	12	1.4	24	2.9
134	Calculi of urinary passages.....	.....	.....	6	0.7	6	0.7
135	Diseases of the bladder (excluding tumors).....	1	0.5	3	0.4	8	1.0
136	Diseases of the urethra, urinary abscess, etc.	4	0.5	.....	.....	.....	.....
137	Diseases of the prostate	27	3.3	27	3.2	24	2.9
138	Diseases of the male genital organs (not specified as venereal) ..	.....	.....	.....	.....	1	0.1
139	Diseases of the female genital organs (not specified as venereal)	11	1.4	9	1.1	18	2.2
140-150	Pregnancy, labor and puerperal state.....	145	17.8	117	14.0	147	17.9
151	Carbuncle	2	0.2	.....	.....	2	0.2
152	Cellulitis, acute abscess	12	1.5	8	1.0	10	1.2
153	Other diseases of the skin and annexa and of the cellular tissue	9	1.1	13	1.6	17	2.1
154-156	Diseases of the bones and organs of locomotion.....	16	2.0	13	1.6	13	1.6
157	Congenital malformations	120	14.7	121	14.5	114	13.9
158	Congenital debility	173	21.2	173	20.8	150	18.3
159	*Premature birth	420	51.5	429	51.5	420	51.2
160	Injury at birth .....	.....	.....	.....	.....	.....	.....
161	Other diseases peculiar to infancy.....	66	8.3	48	5.9	109	13.3
162	Senility	146	17.9	131	15.7	119	14.5
163-171	Suicides	44	5.4	61	7.3	54	6.6
172-175	Homicides	8	0.9	7	0.8	7	0.8
176	Attacks by venomous animals.....	1	0.1	.....	.....	.....	.....
177	Food poisoning	1	0.1	5	0.6	.....	.....
178	Accidental absorption of toxic gases.....	2	0.2	3	0.4	5	0.6
179	Other acute accidental poisonings (except by gas).....	14	1.7	9	1.1	11	1.3
180	Results of conflagration	15	1.8	12	1.4	14	1.7
181	Accidental burns (conflagrations excepted).....	35	4.3	24	2.9	34	4.1
182	Accidental mechanical suffocation.....	14	1.7	17	2.0	11	1.3
183	Accidental drowning	42	5.2	50	6.0	39	4.8
184	Accidental injury by firearms.....	22	2.7	20	2.4	27	3.3
185	Accidental injury by cutting or piercing instruments.....	1	0.1	.....	.....	3	0.4
186	Accidental injuries from falling, crushing, landslide.....	108	.....	120	.....	135	.....
187	Cataclysm .....	.....	.....	.....	.....	.....	.....
188	Injuries inflicted by animals.....	40	4.9	25	3.0	26	3.2
189	Hunger and thirst .....	.....	.....	.....	.....	.....	.....
190	Excessive cold	4	0.5	12	1.4	8	1.0
191	Excessive heat	2	0.2	6	0.7	5	0.6
192	Lightning	4	0.5	4	0.5	1	0.1
193	Accidental electric shocks	4	0.5	2	0.2	1	0.1
194	Other accidents	9	1.1	20	2.5	11	1.3
195	Violent deaths—nature unknown.....	.....	.....	2	0.2	1	0.1
198	Capital punishment .....	.....	.....	.....	.....	.....	.....
199	Sudden death	3	0.4	4	0.5	4	0.5
200	Cause of death not specified or ill-defined.....	95	11.7	105	12.6	36	4.4
*Special Classes of Accidental Deaths:							
A	Accidents in mines and quarries.....	.....	.....	.....	.....	.....	.....
B	Accidents caused by machines.....	.....	.....	.....	.....	.....	.....
C	Railway accidents .....	.....	.....	.....	.....	.....	.....
D	Street car accidents .....	.....	.....	.....	.....	.....	.....
E	Automobile and motorcycle accidents.....	.....	.....	.....	.....	.....	.....
F	Other land transportation .....	.....	.....	.....	.....	.....	.....
G	Water transportation .....	.....	.....	.....	.....	.....	.....
H	Air transportation .....	.....	.....	.....	.....	.....	.....

* Not separately tabulated previous to 1931.

AND RATES PER 100,000, 1924-1933—Continued.

1927		1928		1929		1930		1931		1932		1933		List No.
No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
-----	-----	-----	-----	-----	-----	-----	-----	35	3.8	38	4.1	29	3.0	120
121	14.5	143	16.8	170	19.7	159	18.0	131	14.2	145	15.5	167	17.6	121
74	8.9	73	8.6	62	7.2	75	8.1	78	8.5	82	8.8	72	7.6	122
8	1.0	6	0.7	17	2.0	10	1.2	3	0.3	13	1.4	8	0.8	123
10	1.2	14	1.6	8	0.9	16	1.8	18	2.0	12	1.3	13	1.4	124
37	4.4	34	4.0	37	4.3	35	4.0	6	0.7	13	1.4	8	0.8	125
20	2.4	19	2.2	27	3.1	12	1.4	19	2.1	23	2.5	25	2.6	126
-----	-----	-----	-----	-----	-----	-----	-----	35	3.8	35	3.8	28	2.9	127
2	0.2	3	0.4	3	0.3	4	0.4	-----	-----	3	0.3	5	0.5	128
23	2.8	15	1.8	21	2.4	9	1.0	11	1.2	12	1.3	10	1.1	129
29	3.5	29	3.4	22	2.5	24	2.7	15	1.6	10	1.1	20	2.1	130
211	25.2	209	24.6	195	22.5	253	28.7	207	22.4	228	24.4	214	22.5	131
-----	-----	-----	-----	-----	-----	-----	-----	22	2.4	30	3.2	23	2.4	132
18	2.2	24	2.8	22	2.5	12	1.3	23	2.5	20	2.1	16	1.7	133
2	0.2	2	0.2	3	0.3	6	0.6	6	0.7	3	0.3	5	0.5	134
4	0.5	6	0.7	9	1.0	3	0.3	3	0.3	8	0.9	5	0.5	135
2	0.2	-----	-----	-----	-----	3	0.3	2	0.2	2	0.2	2	0.2	136
19	2.3	36	4.2	42	5.0	38	4.3	44	4.8	60	6.4	48	5.0	137
3	0.4	2	0.2	2	0.2	-----	-----	1	0.1	-----	-----	2	0.2	138
15	1.8	11	1.3	17	2.0	10	1.1	14	1.5	7	0.8	12	1.3	139
114	13.6	124	14.6	132	15.2	112	12.7	93	10.1	102	10.9	92	9.7	140-150
3	0.4	3	0.4	5	0.6	1	0.1	3	0.3	3	0.3	4	0.4	151
10	1.2	16	1.9	10	1.2	8	0.9	6	0.7	5	0.5	8	0.8	152
10	1.2	12	1.4	23	2.7	8	0.9	3	0.3	7	0.8	4	0.4	153
16	1.9	20	2.4	11	1.3	17	1.9	21	2.3	17	1.8	15	1.6	154-156
115	13.8	106	12.5	136	15.7	135	15.3	120	13.0	112	12.0	103	10.8	157
187	22.4	135	15.9	146	15.8	152	17.2	98	10.6	104	11.1	96	10.1	158
426	51.0	452	53.1	475	54.8	497	56.5	376	40.8	382	40.9	314	33.0	159
-----	-----	-----	-----	-----	-----	-----	-----	72	7.8	71	7.6	72	7.6	160
90	10.8	86	10.1	78	9.0	88	10.0	101	11.9	101	10.8	100	10.5	161
119	14.2	116	13.6	120	13.8	124	14.0	136	14.8	150	16.1	149	15.7	162
68	8.1	78	9.2	95	11.0	127	14.4	76	8.2	74	7.9	93	9.8	163-171
6	0.7	16	1.9	18	2.1	14	1.6	12	1.3	1	0.8	14	1.5	172-175
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	2	0.2	176
1	0.1	3	0.4	3	0.3	2	0.2	1	0.1	4	0.4	-----	-----	177
5	0.6	4	0.5	9	1.0	9	1.0	9	9.8	7	0.8	9	0.9	178
12	1.4	12	1.4	9	1.0	11	1.2	14	1.5	10	1.1	11	1.2	179
21	2.5	22	2.6	16	1.8	18	2.0	12	1.3	8	0.9	21	2.2	180
37	4.4	40	4.7	32	3.7	28	3.2	22	2.4	23	2.5	28	2.9	181
9	1.1	12	1.4	13	1.5	8	0.9	20	2.2	14	1.5	19	2.0	182
70	8.4	45	5.3	53	6.1	57	6.5	62	6.7	52	5.6	59	6.2	183
23	2.8	20	2.4	21	2.4	17	1.9	18	2.0	17	1.8	12	1.3	184
-----	-----	3	0.4	4	0.5	-----	-----	6	0.7	11	1.2	12	1.3	185
147	-----	233	-----	183	-----	168	-----	139	15.1	123	13.2	140	14.7	186
-----	-----	-----	-----	-----	-----	-----	-----	1	0.1	-----	-----	-----	-----	187
17	2.0	16	1.9	21	2.4	20	2.3	28	3.0	19	2.0	16	1.7	188
1	0.1	-----	-----	-----	-----	4	0.4	1	0.1	5	0.5	2	0.2	189
7	0.8	3	0.4	4	0.5	9	1.0	5	0.5	7	0.8	6	0.6	190
1	0.1	4	0.5	7	0.8	4	0.4	11	1.2	5	0.5	2	0.2	191
10	1.2	4	0.5	4	0.5	4	0.4	1	0.1	2	0.2	5	0.5	192
-----	-----	-----	-----	2	0.2	8	0.9	-----	-----	4	0.4	-----	-----	193
9	1.1	10	1.2	16	1.8	27	3.1	11	1.2	11	1.2	8	0.8	194
1	0.1	-----	-----	1	0.1	-----	-----	-----	-----	3	0.3	-----	-----	195
-----	-----	-----	-----	-----	-----	-----	-----	1	0.1	1	0.1	-----	-----	198
1	0.1	1	0.1	4	0.5	-----	-----	25	2.7	27	2.9	25	2.6	199
48	5.7	61	7.2	82	9.5	37	4.2	35	3.8	42	4.5	48	5.0	200
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	3	0.3	5	0.5	A
-----	-----	-----	-----	-----	-----	-----	-----	15	1.6	21	2.2	29	3.0	B
-----	-----	-----	-----	-----	-----	-----	-----	21	2.3	23	2.5	15	1.6	C
-----	-----	-----	-----	-----	-----	-----	-----	2	0.2	-----	-----	-----	-----	D
-----	-----	-----	-----	-----	-----	-----	-----	50	5.4	35	3.8	32	3.4	E
-----	-----	-----	-----	-----	-----	-----	-----	24	2.6	41	4.4	23	2.4	F
-----	-----	-----	-----	-----	-----	-----	-----	2	0.2	13	1.4	3	0.3	G
-----	-----	-----	-----	-----	-----	-----	-----	2	0.2	1	0.1	3	0.3	H

BIRTHS AND DEATHS AMONG THE INDIANS

The estimated Indian population is 15,752 for 1933. For statistical purposes Indian half-breeds are classified as Indians in this office and at the Dominion Bureau of Statistics.

The rates for 1933 are as follows: Birth 35.7 per 1,000, death 16.8 per 1,000, infant mortality 172.6 per 1,000 births, illegitimate births 67.6 per 1,000 births. The variance between the rates given here and other rates concerning Indians shown in this report is due to the inclusion under this heading of illegitimate births in the total number of births.

Figures concerning Indians are also included in the different tables shown in this report.

The number of deaths from tuberculosis was 75 and the rate per 100,000 of the Indian population 476.1. The general rate for the province was only 31.2.

The maternal mortality rate among Indian women is 12.5 per 1,000 live births. This rate is nearly three times as high as the provincial rate of 4.6.

TABLE CXIII—BIRTHS, DEATHS AND INFANT MORTALITY OF INDIANS (exclusive of Stillbirths) BY MONTHS, 1933.

	Total	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Births	562	53	60	54	55	34	37	43	45	30	46	51	54
Deaths	265	29	24	37	32	26	10	9	23	19	18	22	16
Infant mortality....	97	11	11	12	11	9	1	2	6	8	5	14	7

TABLE CXIV—BIRTHS OF INDIANS (exclusive of Stillbirths) CLASSIFIED AS LEGITIMATE OR ILLEGITIMATE, 1933.

	Total births			Legitimate			Illegitimate		
	Total	M.	F.	Total	M.	F.	Total	M.	F.
Total for the province.....	562	290	272	524	269	255	38	21	17

TABLE CXV—BIRTHS OF INDIANS (exclusive of Stillbirths) CLASSIFIED ACCORDING TO AGE OF PARENTS, 1933.

Ages of fathers	Total	Ages of mothers					
		Under 20	20-29	30-39	40-49	50 and over	Not stated
Under 20 years.....	7	4	3	....	....	....	....
20-29 years.....	220	38	167	14	1	....	....
30-39 years.....	176	6	68	102	....	....	....
40-49 years.....	93	3	22	51	17	....	....
50 and over.....	25	2	4	10	6	3	....
Not stated	3	....	2	....	....	....	1
Children born to married mothers	524	53	266	177	24	3	1
Children born to unmarried mothers..	38	10	18	6	4	....	....
Children born	562	63	284	183	28	3	1

TABLE CXVI—DEATHS OF INDIANS (exclusive of Stillbirths) BY AGE GROUPS, 1933.

	Total	Male	Female		Total	Male	Female
All ages.....	265	142	123	50-54 years....	3	2	1
Under 1 year..	97	57	40	55-59 years....	6	4	2
Under 5 years	130	71	59	60-64 years....	3	3	..
5-9 years....	14	7	7	65-69 years....	5	3	2
10-14 years....	10	5	5	70-74 years....	11	6	5
15-19 years....	11	5	6	75-79 years....	5	4	1
20-24 years....	18	8	10	80-84 years....	10	4	6
25-29 years....	13	6	7	85-89 years....	2	..	2
30-34 years....	7	4	3	90-94 years....	2	1	1
35-39 years....	4	3	1	100 years			
40-44 years....	2	2	..	and over	2	..	2
45-49 years....	5	3	2	Not stated.....	2	1	1

TABLE CXVIII—DEATHS OF INDIANS FROM TUBERCULOSIS BY AGE AND SEX, 1933.

	Total	Under 1 year	1-4 years	5-9 years	10-14 years	15-19 years	20-29 years	30-39 years	40-49 years	60-69 years
23-32. Tuberculosis	75	13	7	9	8	10	20	4	3	1
23. Tuberculosis of the respiratory system.....	30	2	2	4	3	5	7	4	2	1
	28	5	1	2	2	5	12	..	1	..
24. Tuberculosis of the meninges and central nervous system.....	6	1	3	1	1	..	..	..	..	..
	5	2	..	2	1	..	..	..	..	..
25. Tuberculosis of the intestines and peritoneum.....	3	2	1	..	..	..	..	..	..	..
26. Tuberculosis of the vertebral column.....	1	..	..	..	..	..	1	..	..	..
29. Tuberculosis of the lymphatic system.....	1	1	..	..	..	..	..	..	..	..
30. Tuberculosis of the genito-urinary system.....	1	..	..	..	1	..	..	..	..	..

TABLE CXIX—DEATHS OF INDIAN CHILDREN UNDER ONE YEAR (exclusive of Stillbirths) BY AGE AT DEATH, 1933.

Ages		No.	Ages		No.
All infants	Total	97	3 months and under 4 months.....	Total	9
	M.	57		M.	7
	F.	40		F.	2
Under 1 day	Total	7	4 months and under 5 months.....	Total	8
	M.	5		M.	5
	F.	2		F.	3
1 day and under 1 week.....	Total	12	5 months and under 6 months.....	Total	2
	M.	5		M.	2
	F.	7	6 months and under 7 months.....	Total	7
1 week and under 2 weeks....	Total	5		M.	4
	M.	4		F.	3
	F.	1	7 months and under 8 months.....	Total	3
2 weeks and under 3 weeks...	Total	3		M.	2
	F.	3		F.	1
3 weeks and under 1 month	Total	4	8 months and under 9 months.....	Total	7
	M.	3		M.	2
	F.	1		F.	5
1 month and under 2 months.....	Total	11	9 months and under 10 months.....	Total	2
	M.	8		F.	2
	F.	3	10 months and under 11 months.....	Total	4
2 months and under 3 months.....	Total	9		F.	4
	M.	8	11 months and under 12..	Total	4
	F.	1		M.	2
				F.	2

TABLE CXX—DEATHS OF INDIAN CHILDREN (exclusive of Stillbirths) FROM CERTAIN SPECIFIED CAUSES IN FIRST YEAR OF LIFE, FOR EACH SEX, 1933.

Int. List No.	Causes of death	Total	Male	Female
	All causes	97	57	40
7	Measles	1	1	..
11	Influenza	12	10	2
13	Dysentery	1	..	1
15	Erysipelas	1	1	..
23	Tuberculosis of the respiratory system.....	7	2	5
24	Tuberculosis of the meninges and central nervous system	3	1	2
25-32	Tuberculosis, other forms.....	3	3	..
67	Diseases of the thymus gland.....	1	1	..
86	Convulsions	4	1	3
106	Bronchitis	1	1	..
107	Bronchopneumonia	14	7	7
108-109	Pneumonia	5	1	4
116-118	Diseases of the stomach.....	1	1	..
119	Diarrhœa and enteritis	2	1	1
157	Malformations	2	1	1
	(b, d, e) Others under this title.....	2	1	1
158	Congenital debility	14	10	4
159	Premature birth	6	5	1
160	Injury at birth.....	3	1	2
161	Other diseases peculiar to early infancy... ..	4	2	2
	(a-e) Specified diseases	3	2	1
	(f) Unspecified causes under 3 months.....	1	..	1
176-198	Other external causes	1	1	..
	Other specified causes	1	..	1
199-200	Unspecified or ill-defined causes.....	10	6	4

TABLE CXXI—SEARCHES, CERTIFICATES AND CORRESPONDENCE, 1933.

Applications for searches and certificates received.....	6,465
Number of searches made.....	6,427
Birth certificates issued.....	5,222
Marriage certificates issued.....	448
Death certificates issued.....	759
Divorce certificates issued.....	1
Total number of certificates issued.....	6,430
Certificates issued for pension purposes.....	1,801
Certificates issued for legal purposes.....	260
Marriage licenses issued	2,273
Changes of names.....	33
Letters received	33,369
Letters written	53,646
Forms and pieces of literature sent out.....	174,847

TABLE CXXII—TEMPERATURE IN SASKATCHEWAN BY

Months	District 1			District 2			District 3		
	Maple Creek	Swift Current	Shaunavon	Regina	Qu'Appelle	Tugaske	Carlyle	Whitewood	Yellow Grass
JANUARY—									
Maximum	49	46	43	40	38	40	33	37	42
Minimum	-16	-16	-15	-27	-31	-27	-27	-31	-21
Mean temperature	18.4	13.8	16.8	1.9	3.8	4.8	1.9	1.8	4.5
Hours of sunshine	N.R.	111	N.R.	N.R.	80	N.R.	N.R.	N.R.	N.R.
FEBRUARY—									
Maximum	52	52	50	37	39	45	34	41	43
Minimum	-34	-36	-35	-39	-41	-35	-40	-43	-37
Mean temperature	12.6	10.2	12.3	2.2	2.9	1.7	-2.0	1.9	6.4
Hours of sunshine	N.R.	117	N.R.	N.R.	125	N.R.	N.R.	N.R.	N.R.
MARCH—									
Maximum	66	68	63	61	57	64	56	52	66
Minimum	-13	-15	-9	-14	-22	-25	-20	-23	-12
Mean temperature	30.9	30.0	30.6	24.2	22.4	19.5	21.6	19.4	25.7
Hours of sunshine	N.R.	156	N.R.	N.R.	163	N.R.	N.R.	N.R.	N.R.
APRIL—									
Maximum	72	75	71	73	69	74	73	64	70
Minimum	15	16	13	15	8	6	9	10	8
Mean temperature	38.9	39.0	37.6	36.4	35.2	31.6	34.8	33.8	36.7
Hours of sunshine	N.R.	172	N.R.	N.R.	210	N.R.	N.R.	N.R.	N.R.
MAY—									
Maximum	88	94	89	85	82	90	84	80	82
Minimum	25	34	28	20	24	15	23	20	25
Mean temperature	51.4	53.4	52.0	53.0	52.6	50.3	52.2	50.4	52.7
Hours of sunshine	N.R.	237	N.R.	N.R.	202	N.R.	N.R.	N.R.	N.R.
JUNE—									
Maximum	103	103	102	100	97	103	102	94	99
Minimum	32	31	33	31	31	37	31	31	36
Mean temperature	65.8	62.5	65.2	64.5	63.7	65.5	64.7	62.3	66.2
Hours of sunshine	N.R.	326	N.R.	N.R.	288	N.R.	N.R.	N.R.	N.R.
JULY—									
Maximum	101	104	106	101	98	104	100	93	101
Minimum	39	38	40	36	40	39	38	38	35
Mean temperature	68.0	67.7	66.6	66.4	65.4	67.3	66.3	64.1	66.3
Hours of sunshine	N.R.	401	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
AUGUST—									
Maximum	96	97	98	97	96	94	98	89	98
Minimum	34	38	38	33	34	31	31	34	38
Mean temperature	64.3	65.5	64.4	65.4	64.2	66.3	65.6	62.6	65.3
Hours of sunshine	N.R.	299	N.R.	N.R.	291	N.R.	N.R.	N.R.	N.R.
SEPTEMBER—									
Maximum	80	83	80	83	83	84	83	83	87
Minimum	25	29	25	22	26	29	23	25	27
Mean temperature	53.0	54.0	53.7	53.7	52.3	53.1	56.6	51.7	54.5
Hours of sunshine	N.R.	N.R.	N.R.	N.R.	190	N.R.	N.R.	N.R.	N.R.
OCTOBER—									
Maximum	77	80	78	78	77	79	76	68	80
Minimum	7	4	12	0	7	2	-4	5	3
Mean temperature	39.8	38.7	39.2	35.0	35.2	36.7	33.5	31.9	36.5
Hours of sunshine	N.R.	160	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
NOVEMBER—									
Maximum	62	58	59	59	50	50	44	47	55
Minimum	-5	3	0	-3	1	2	0	2	2
Mean temperature	33.3	32.5	33.0	24.5	24.0	27.5	22.7	22.8	28.4
Hours of sunshine	N.R.	81	N.R.	N.R.	72	N.R.	N.R.	N.R.	N.R.
DECEMBER—									
Maximum	58	53	47	53	47	49	40	43	54
Minimum	-25	-21	-24	-40	-33	-29	-36	-37	-32
Mean temperature	6.8	6.6	7.8	-0.8	-0.01	-1.0	-3.6	-0.5	2.9
Hours of sunshine	N.R.	67	N.R.	N.R.	66	N.R.	N.R.	N.R.	N.R.

Note: N.R. means no report received.

THREE SELECTED PLACES IN EACH SANITARY DISTRICT, 1933.

District 4			District 5			District 6			District 7			District 8		
Kamsack	Hubbard	Lintlaw	Outlook	Saskatoon	Nokomis	Biggar	Beechy	Kindersley	Battleford	St. Walburg	Scott	Prince Albert	Nipawin	Rosthern
35	35	33	42	36	40	39	31	N.R.	39	32	34	38	32	33
-40	-37	-33	-25	-35	-33	-31	-27	N.R.	-38	-45	-36	-37	-34	-35
-2.1	-0.4	-2.7	6.1	-0.8	-0.2	4.1	9.0	N.R.	-1.8	-6.5	0.8	-3.0	-8.7	-3.1
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	72	N.R.	N.R.	N.R.
36	39	37	50	43	38	44	50	N.R.	46	41	N.R.	43	32	38
-48	-47	-44	-34	-38	-40	-36	-39	N.R.	-40	-46	N.R.	-40	-45	-41
-3.2	-1.9	-2.6	4.0	-0.5	-1.8	2.9	6.2	N.R.	0.6	-5.8	N.R.	-1.6	-7.6	-1.4
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	109	N.R.	N.R.	N.R.
47	47	45	64	59	55	62	66	N.R.	49	45	58	44	41	44
-37	-28	-30	-19	-31	-24	-18	-15	N.R.	-29	-40	-31	-33	-28	-30
13.7	16.4	14.5	25.6	18.3	21.5	23.4	27.4	N.R.	16.9	11.4	19.9	15.6	12.0	16.4
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	118	N.R.	N.R.	131
69	66	68	77	77	73	66	76	72	75	67	70	73	72	73
15	8	10	18	18	15	16	15	15	17	8	16	12	12	17
36.6	32.9	33.0	39.3	36.5	36.4	38.7	38.3	37.5	37.7	32.4	36.4	38.0	35.1	36.2
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	191	N.R.	N.R.	223
84	78	83	93	89	88	83	92	88	87	84	87	78	83	83
27	24	26	30	28	24	31	33	31	27	26	28	28	23	27
53.3	50.7	51.4	54.3	52.7	52.9	53.8	53.1	52.3	53.4	49.3	51.6	54.0	52.3	53.5
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	197	N.R.	N.R.	N.R.
99	95	93	106	103	100	102	104	105	100	88	102	92	91	97
31	32	30	39	34	34	35	38	37	34	27	31	36	37	37
63.4	62.2	61.5	66.6	63.4	63.2	64.7	65.5	65.5	62.3	58.0	61.2	57.0	61.7	62.7
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	286	N.R.	N.R.	N.R.
90	90	85	104	101	99	102	103	104	100	94	99	89	N.R.	92
40	38	41	38	39	40	39	40	39	38	31	35	42	N.R.	41
65.4	63.1	61.8	68.3	65.7	66.2	66.7	68.8	66.1	65.4	59.5	64.1	65.0	N.R.	64.6
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	322	N.R.	N.R.	N.R.
90	86	88	94	95	94	95	96	92	92	87	92	92	93	91
35	37	36	42	32	34	35	40	36	30	28	29	38	36	36
66.4	60.9	62.3	67.2	64.8	65.6	67.0	67.1	65.4	65.4	60.3	64.2	64.0	64.1	65.0
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	302	N.R.	N.R.	N.R.
78	79	79	83	81	83	86	84	83	81	79	80	N.R.	82	N.R.
30	23	24	25	23	24	24	28	20	23	20	22	N.R.	29	N.R.
53.3	50.5	50.7	52.3	51.2	51.8	51.7	52.7	51.0	51.6	47.6	49.9	N.R.	52.3	N.R.
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
66	71	72	76	74	70	76	77	78	80	78	74	73	73	72
-10	3	-6	1	0	0	8	2	8	6	4	7	7	1	7
34.3	33.1	32.8	36.8	34.7	33.9	36.9	37.8	35.2	35.9	34.0	35.0	31.0	35.1	35.0
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	150	N.R.	N.R.	N.R.
40	41	42	56	47	42	52	52	N.R.	50	44	48	46	47	42
-5	-6	-10	-1	-6	-1	-2	0	N.R.	-14	-15	-13	-11	-21	-9
15.8	19.9	17.4	27.4	23.0	22.9	25.6	29.9	N.R.	24.3	19.7	25.3	18.0	14.8	20.9
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	68	N.R.	N.R.	N.R.
35	38	32	44	41	38	43	43	N.R.	30	23	36	25	23	28
-52	-38	-44	-30	-38	-35	-31	-32	N.R.	-38	-52	-37	-52	-53	-39
-6.9	-5.5	-9.6	-2.2	-5.8	-3.7	-5.1	-1.7	N.R.	-8.7	-14.9	-7.2	-12.0	-14.3	-10.0
N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	46	N.R.	N.R.	N.R.

TABLE CXXIII—PRECIPITATION IN SASKATCHEWAN BY

Months	District 1			District 2			District 3		
	Maple Creek	Swift Current	Shaunavon	Regina	Qu'Appelle	Tugaske	Carlyle	Whitewood	Yellow Grass
JANUARY—									
Total precipitation	0.25	0.59	N.R.	0.68	0.80	0.50	1.35	1.18	1.10
Heaviest fall in month.....	0.10	0.18	N.R.	0.20	0.18	0.20	0.45	0.40	0.30
Days with .01 or more.....	4	8	N.R.	8	8	3	7	9	8
Snow (inches)	2.50	5.90	N.R.	6.75	8.00	5.00	13.25	11.80	11.00
FEBRUARY—									
Total precipitation	0.40	0.86	N.R.	0.51	0.74	0.80	1.25	0.22	0.40
Heaviest fall in month.....	0.20	0.24	N.R.	0.15	0.30	0.30	0.25	0.10	0.30
Days with .01 or more.....	2	11	N.R.	9	12	6	7	4	2
Snow (inches)	4.00	8.60	N.R.	5.10	7.40	8.00	12.50	2.20	4.00
MARCH—									
Total precipitation	0.05	0.32	N.R.	0.72	0.53	0.49	0.49	0.63	0.15
Heaviest fall in month.....	0.05	0.12	N.R.	0.15	0.22	0.20	0.25	0.40	0.10
Days with .01 or more.....	1	7	N.R.	9	8	4	3	3	2
Snow (inches)	0.50	3.20	N.R.	7.00	5.10	4.00	4.87	6.30	1.00
APRIL—									
Total precipitation	1.10	1.05	0.99	0.79	2.10	0.83	1.08	1.23	1.29
Heaviest fall in month.....	0.40	0.38	0.31	0.50	0.70	0.35	0.25	0.30	N.R.
Days with .01 or more.....	6	8	5	7	12	4	7	10	N.R.
Snow (inches)	5.00	6.70	3.00	6.95	19.50	4.00	10.50	10.70	N.R.
MAY—									
Total precipitation	2.09	2.20	2.76	4.32	3.90	2.14	1.57	4.94	4.64
Heaviest fall in month.....	0.75	1.09	0.56	1.50	1.64	0.72	0.60	3.36	1.80
Days with .01 or more.....	11	12	12	13	11	11	9	8	8
Snow (inches) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
JUNE—									
Total precipitation	2.62	2.86	4.18	2.78	2.63	1.86	1.63	3.97	3.39
Heaviest fall in month.....	1.82	0.79	2.06	1.08	0.68	0.94	0.41	1.12	1.15
Days with .01 or more.....	7	10	7	12	11	5	7	13	10
Snow (inches) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
JULY—									
Total precipitation	N.R.	0.66	0.67	0.56	0.80	0.27	0.94	1.28	1.18
Heaviest fall in month.....	N.R.	0.28	0.45	0.18	0.49	0.23	0.47	0.47	0.85
Days with .01 or more.....	N.R.	4	2	6	8	2	4	9	6
Snow (inches)	N.R.	.....	.....	.....	.....	.....	.....	.....	.....
AUGUST—									
Total precipitation	3.40	4.63	2.83	2.48	2.96	2.58	0.33	1.97	2.21
Heaviest fall in month.....	0.96	1.82	0.90	1.22	0.98	0.95	0.11	1.39	0.80
Days with .01 or more.....	11	9	8	10	10	6	4	5	8
Snow (inches) .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SEPTEMBER—									
Total precipitation	1.57	1.85	0.70	2.56	1.73	3.30	0.90	2.02	1.27
Heaviest fall in month.....	1.22	0.68	N.R.	0.61	0.50	1.39	0.62	0.62	0.72
Days with .01 or more.....	4	9	N.R.	8	7	6	3	8	5
Snow (inches) .....	.....	.....	N.R.	.....	.....	.....	.....	.....	.....
OCTOBER—									
Total precipitation	1.11	0.91	0.44	0.84	0.82	1.28	1.41	1.06	0.60
Heaviest fall in month.....	0.60	0.34	0.40	0.70	0.60	1.00	0.95	0.45	0.23
Days with .01 or more.....	3	10	2	4	7	2	4	4	6
Snow (inches)	6.00	8.80	4.00	7.25	7.00	10.00	13.75	8.00	3.50
NOVEMBER—									
Total precipitation	1.20	0.45	N.R.	0.89	0.90	0.54	1.17	0.92	0.45
Heaviest fall in month.....	0.40	0.12	N.R.	0.39	N.R.	0.38	0.22	0.41	0.23
Days with .01 or more.....	.....	12	N.R.	10	N.R.	4	8	10	4
Snow (inches)	4.00	4.00	N.R.	4.75	N.R.	1.50	11.50	5.10	2.00
DECEMBER—									
Total precipitation	0.60	1.51	.....	1.74	1.34	2.90	1.38	1.13	1.70
Heaviest fall in month.....	0.30	0.30	N.R.	0.30	0.28	0.80	0.50	0.40	0.50
Days with .01 or more.....	2	18	N.R.	15	12	5	6	5	10
Snow (inches)	6.00	15.10	N.R.	17.35	13.40	29.00	13.75	11.30	17.00

Note:—N.R. means no report received.

THREE SELECTED PLACES IN EACH SANITARY DISTRICT, 1933.

District 4			District 5			District 6			District 7			District 8		
Kamsack	Hubbard	Lintlaw	Outlook	Saskatoon	Nokomis	Biggar	Beechy	Kindersley	Battleford	St. Walburg	Scott	Prince Albert	Nipawin	Rosthern
0.11	1.00	0.78	N.R.	0.56	0.01	N.R.	0.35	N.R.	0.40	0.50	0.65	0.96	1.80	0.60
0.04	0.30	0.30	N.R.	0.10	0.01	N.R.	0.10	N.R.	0.12	0.30	0.30	0.20	0.60	0.40
4	5	7	N.R.	11	1	N.R.	6	N.R.	7	2	5	14	5	2
1.10	10.00	7.80	N.R.	5.60	0.10	N.R.	3.50	N.R.	4.00	5.00	6.50	9.60	18.00	6.00
0.14	1.00	0.68	0.18	0.44	1.60	N.R.	0.20	N.R.	0.46	0.25	N.R.	0.60	0.90	0.60
0.04	0.40	0.35	0.15	0.20	0.60	N.R.	0.05	N.R.	0.16	0.25	N.R.	0.24	0.70	0.30
5	4	7	2	8	5	N.R.	4	N.R.	8	1	N.R.	10	2	3
1.40	10.00	6.80	1.75	4.40	16.00	N.R.	2.00	N.R.	4.60	2.50	N.R.	6.00	9.00	6.00
0.17	1.00	1.79	0.80	1.21	1.79	N.R.	0.37	N.R.	1.31	1.80	1.22	0.73	1.70	0.50
0.06	0.30	0.45	0.40	0.65	0.60	N.R.	0.11	N.R.	0.48	0.50	0.70	0.20	0.60	0.20
6	5	10	4	10	7	N.R.	5	N.R.	13	6	8	9	7	5
1.70	10.00	17.70	4.00	11.50	17.00	N.R.	2.25	N.R.	11.70	18.00	10.50	7.10	16.00	9.00
0.49	1.70	1.01	0.20	0.57	0.63	0.58	0.68	0.75	1.30	0.82	0.91	0.40	0.30	0.47
0.27	0.60	0.31	0.12	0.34	0.60	0.48	0.30	0.25	0.78	0.40	0.44	N.R.	0.20	0.40
4	6	8	3	4	2	2	6	10	8	4	8	N.R.	3	2
2.20	17.00	5.80	0.75	3.50	6.00	5.80	4.00	3.50	11.60	8.20	2.00	N.R.	2.50	4.00
2.41	3.67	3.45	1.38	1.87	2.47	1.25	2.23	1.57	1.43	1.21	1.34	3.30	2.00	2.00
1.61	1.65	1.65	0.42	0.63	0.72	0.33	0.58	0.61	0.62	0.40	0.37	N.R.	0.78	0.51
8	9	10	12	12	12	7	12	10	9	5	6	N.R.	3	6
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4.34	2.95	4.38	0.90	0.88	2.32	1.17	1.51	1.31	2.07	1.88	1.78	2.20	1.99	2.51
1.75	1.20	0.68	0.28	0.23	0.60	0.60	0.73	0.30	0.74	0.46	0.44	N.R.	0.68	0.81
9	7	16	7	10	9	9	9	8	15	8	13	N.R.	10	7
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2.63	1.90	1.98	1.74	0.95	2.44	1.91	0.40	0.93	0.64	2.62	0.86	1.40	N.R.	1.78
1.13	1.00	0.88	1.12	0.52	0.85	0.82	0.20	0.48	0.34	0.91	0.40	N.R.	N.R.	0.81
7	6	13	4	8	6	8	5	3	6	5	6	N.R.	N.R.	5
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2.08	3.67	1.18	1.87	1.37	2.77	0.76	1.43	0.86	1.94	0.84	1.67	1.60	0.69	1.10
1.50	1.85	0.58	0.52	0.61	1.42	0.22	0.43	0.40	0.94	0.51	1.36	N.R.	0.43	0.36
4	4	9	7	7	7	6	8	5	8	2	6	N.R.	2	3
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1.92	3.02	3.54	1.88	2.31	1.56	2.29	2.38	1.58	2.58	1.36	1.80	N.R.	5.65	N.R.
0.48	0.85	0.95	0.97	1.26	0.65	0.73	0.82	0.45	0.99	0.45	0.53	N.R.	1.56	N.R.
9	8	14	8	7	7	10	8	7	8	6	8	N.R.	10	N.R.
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	N.R.	-----	N.R.
0.62	1.60	1.02	0.91	1.34	0.97	0.07	1.05	1.54	1.32	0.99	1.11	1.00	0.97	1.05
0.30	0.80	0.50	0.70	0.50	0.60	0.07	0.80	1.00	0.52	0.40	0.60	N.R.	0.30	0.30
7	2	9	3	11	4	1	3	5	9	3	5	N.R.	6	6
4.00	16.00	7.50	7.00	10.20	9.00	-----	10.50	13.60	8.80	7.00	8.50	N.R.	9.50	9.50
0.60	1.20	1.14	0.44	0.38	1.08	N.R.	0.33	N.R.	0.84	0.80	0.70	1.30	2.50	0.95
0.30	0.30	0.25	0.41	0.08	0.40	N.R.	0.15	N.R.	0.37	0.40	0.13	N.R.	1.20	0.25
3	6	13	2	9	6	N.R.	5	N.R.	10	4	8	N.R.	7	7
6.00	12.00	10.00	0.25	2.90	5.00	N.R.	1.25	N.R.	3.70	5.50	4.50	N.R.	24.00	9.50
0.95	1.60	1.18	0.75	1.48	0.95	-----	0.80	N.R.	1.50	1.00	1.75	1.40	1.10	1.75
0.30	0.40	0.46	0.30	0.22	0.20	N.R.	0.30	N.R.	0.24	0.40	0.40	N.R.	0.40	0.80
5	8	14	5	17	10	N.R.	5	N.R.	14	4	14	N.R.	4	5
9.50	16.00	11.75	7.50	14.80	9.50	N.R.	8.00	N.R.	15.00	10.00	17.50	N.R.	11.00	17.50

